National Testing Agency

Question Paper Name :	B ARCH 1st Sep 2020 Shift 2
Subject Name :	B ARCH
Creation Date :	2020-09-01 22:08:49
Duration :	180
Total Marks :	400
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

B ARCH

Group Number :	1
Group Id :	405036110
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No

Mathematics

Section Id :	405036370
Section Number :	1
Section type :	Online

ZOLLEGE.in

Number of Questions to be attempted :	25
Section Marks :	100
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	405036715
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 40503610248 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Let $A = \{1, 2, 3\}$. Define a relation R on A as :

$aRb \Leftrightarrow |a^2 - b^2| \leq 5$.

Then which of the following is not true ?

Options :

40503637341. $R^{-1} = R$, where R^{-1} is the inverse of R.

40503637342. Range of R is A.

40503637343. R is reflexive and symmetric.

40503637344. R is symmetric and transitive.

Question Number : 1 Question Id : 40503610248 Question Type : MCQ Option Shuffling : Yes Displa

ZOLLEGE.in

माना $A=\{1,2,3\}$ है। A पर एक सम्बन्ध R निम्न द्वारा परिभाषित है :

$aRb \Leftrightarrow |a^2-b^2|\leq 5$

तो निम्न में से कौन सा सत्य **नहीं** है?

Options :

40503637341. $R^{-1}=R$, जहाँ R^{-1}, R का प्रतिलोम (inverse) है।

40503637342. R का परिसर A है।

40503637343. R स्वतुल्य तथा सममित है।

40503637344. R सममित तथा संक्रामक है।

Question Number : 1 Question Id : 40503610248 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ધારોકે $A=\{1,2,3\}$ છે. A પર સંબંધ R એ

$aRb \Leftrightarrow |a^2-b^2|\leq 5$.

મુજબ વ્યાખ્યાયિત કરો. તો નીચેના પૈકી કયું સાચું નથી?

Options :

40503637341. $R^{-1}=R$, જ્યાં R^{-1} એ R નું વ્યસ્ત છે.

40503637342. R નો વિસ્તાર A છે.

ZOLLEGE.in

40503637343. R એ સ્વવાચક અને સંમિત છે.

40503637344. R એ સંમિત અને પરંપરિત છે.

Question Number : 2 Question Id : 40503610249 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The locus of the point

$z = x + iy$ $(x, y \in \mathbf{R}, i = \sqrt{-1})$ satisfying

$\arg\left(\frac{z-3}{z+3}\right) = \frac{\pi}{3}$, is :

Options :

40503637345. a circle with radius $= 2\sqrt{3}$

40503637346. a circle with centre at $(\sqrt{3}, 0)$

40503637347. a circle with centre at $(0, 2\sqrt{3})$ and radius 3

40503637348. an ellipse with length of its minor axis $= 3$

Question Number : 2 Question Id : 40503610249 Question Type : MCQ Option Shuffling : Yes Displa

ZOLLEGE.in

बिन्दु $z = x + iy\ (x, y \in \mathbf{R}, i = \sqrt{-1})$, जो $\arg\left(\frac{z-3}{z+3}\right) = \frac{\pi}{3}$ को संतुष्ट करता है, का बिन्दु पथ है :

Options :

40503637345. एक वृत्त जिसकी त्रिज्या $2\sqrt{3}$ है।

40503637346. एक वृत्त जिसका केन्द्र $(\sqrt{3}, 0)$ है।

40503637347. एक वृत्त जिसका केन्द्र $(0, 2\sqrt{3})$ तथा त्रिज्या 3 है।

40503637348. एक दीर्घवृत्त जिसके लघु अक्ष की लम्बाई 3 है।

Question Number : 2 Question Id : 40503610249 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

$\arg\left(\frac{z-3}{z+3}\right) = \frac{\pi}{3}$ નું સમાધાન કરતું હોય તેવા બિંદુ $z = x + iy\ (x, y \in \mathbf{R}, i = \sqrt{-1})$ નો બિંદુપથ એ

Options :

40503637345. $2\sqrt{3}$ ત્રિજ્યા વાળું એક વર્તુળ છે.

ZOLLEGE.in

$(0, 2\sqrt{3})$ કેન્દ્રવાળું અને 3 ત્રિજ્યાવાળું એક વર્તુળ છે.

40503637347.

જેના ગૌણઅક્ષની લંબાઇ $=3$ હોય તેવો એક ઉપવલય છે.

40503637348.

Question Number : 3 Question Id : 40503610250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

If both the roots of the equation, $x^2-2ax+a^2-1=0\,(a\in R)$ lie in the interval $(-2, 2)$, then the equation, $x^2-(a^2+1)x-(a^2+2)=0$ has

Options :

40503637349. both roots in $(-3, 0)$

40503637350. one root in $(0, 2)$ and another root in $(-2, 0)$

40503637351. one root in $[2, 3)$ and another root in $(-2, 0)$

40503637352. one root in $(-3, -2)$ and another root in $(0, 2]$

ZOLLEGE.in

Question Number : 3 Question Id : 40503610250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

यदि समीकरण, $x^2-2ax+a^2-1=0$ $(a \in R)$ के दोनों मूल, अन्तराल $(-2, 2)$ में हैं, तो समीकरण, $x^2-(a^2+1)x-(a^2+2)=0$:

Options :

40503637349. के दोनों मूल $(-3, 0)$ में हैं।

40503637350. का एक मूल $(0, 2)$ में तथा दूसरा मूल $(-2, 0)$ में है।

40503637351. का एक मूल $[2, 3)$ में तथा दूसरा मूल $(-2, 0)$ में है।

40503637352. का एक मूल $(-3, -2)$ में तथा दूसरा मूल $(0, 2]$ में है।

Question Number : 3 Question Id : 40503610250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

જો સમીકરણ $x^2-2ax+a^2-1=0$, $(a \in R)$ નાં બંને બીજ અંતરાલ $(-2, 2)$ માં હોય, તો સમીકરણ $x^2-(a^2+1)x-(a^2+2)=0$:

Options :

40503637349. નાં બંને બીજ $(-3, 0)$ માં છે.

ZOLLEGE.in

40503637350. નું એક બીજ $(0, 2)$ માં અને બીજું બીજ $(-2, 0)$ માં છે.

40503637351. નું એક બીજ $[2, 3)$ માં અને બીજું બીજ $(-2, 0)$ માં છે.

40503637352. નું એક બીજ $(-3, -2)$ માં અને બીજું બીજ $(0, 2]$ માં છે.

Question Number : 4 Question Id : 40503610251 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the system of equations

$$2x + y + pz = -1$$

$$3x - 2y + z = q$$

$$5x - 8y + 9z = 5$$

has more than one solution, then $q - p$ is equal to :

Options :

40503637353. 2

40503637354. -2

40503637355. 4

ZOLLEGE.in

Question Number : 4 Question Id : 40503610251 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

यदि समीकरण निकाय

$$2x+y+pz=-1$$

$$3x-2y+z=q$$

$$5x-8y+9z=5$$

के एक से अधिक हल हैं, तो $q-p$ बराबर है :

Options :

40503637353. 2

40503637354. -2

40503637355. 4

40503637356. -4

Question Number : 4 Question Id : 40503610251 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

જો સમીકરણ સંહતિ

$$2x+y+pz=-1$$

$$3x-2y+z=q$$

$$5x-8y+9z=5$$

ZOLLEGE.in

40503637353. 2

40503637354. -2

40503637355. 4

40503637356. -4

Question Number : 5 Question Id : 40503610252 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

All the words (with or without meaning) formed using all the five letters of the word GOING are arranged as in dictionary. Then the word OGGIN occurs at the place which is :

Options :

40503637357. $(48)^{th}$

40503637358. $(49)^{th}$

40503637359. $(50)^{th}$

40503637360. $(51)^{th}$

ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

शब्द GOING के सभी 5 अक्षरों का प्रयोग करते हुए बनाए गए सभी शब्द (चाहे वे अर्थहीन हों या अर्थ वाले हों), शब्दकोश के अनुसार व्यवस्थित किए गए हैं, तो शब्द OGGIN निम्न में से किस स्थान पर आएगा?

Options :

40503637357. (48) वां

40503637358. (49) वां

40503637359. (50) वां

40503637360. (51) वां

Question Number : 5 Question Id : 40503610252 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

GOING શબ્દના પાંચેય અક્ષરોનો ઉપયોગ કરીને બનતા તમામ શબ્દોને (અર્થસભર કે અર્થરહિત) શબ્દકોશ પ્રમાણે ગોઠવતાં, OGGIN શબ્દ કયા સ્થાને આવે?

Options :

40503637357. 48મા

40503637358. 49મા

ZOLLEGE.in

40503637360. 51^{th}

Question Number : 6 Question Id : 40503610253 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The sum

$$-\frac{2}{3}+\frac{2}{9^2}+\frac{10}{9^3}+\frac{18}{9^4}+\frac{26}{9^5}+\text{.....upto}$$

infinity, is equal to :

Options :

40503637361. $-\frac{5}{8}$

40503637362. $\frac{17}{24}$

40503637363. $-\frac{11}{24}$

40503637364. $\frac{5}{8}$

Question Number : 6 Question Id : 40503610253 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

योगफल

$$-\frac{2}{3}+\frac{2}{9^2}+\frac{10}{9^3}+\frac{18}{9^4}+\frac{26}{9^5}+\ldots\ldots\infty$$

बराबर है :

Options :

40503637361. $-\frac{5}{8}$

40503637362. $\frac{17}{24}$

40503637363. $-\frac{11}{24}$

40503637364. $\frac{5}{8}$

Question Number : 6 Question Id : 40503610253 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

સરવાળો

$$-\frac{2}{3}+\frac{2}{9^2}+\frac{10}{9^3}+\frac{18}{9^4}+\frac{26}{9^5}+\ldots\ldots \text{ અનંત}$$

પદો સુધી = _____.

Options :

-

ZOLLEGE.in

40503637362. $\frac{17}{24}$

40503637363. $-\frac{11}{24}$

40503637364. $\frac{5}{8}$

Question Number : 7 Question Id : 40503610254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Let r and s be respectively the remainders when $(12)^{23}$ and $(23)^{12}$ are divided by 5, then r + s is equal to :

Options :

40503637365. 5

40503637366. 4

40503637367. 3

40503637368. 2

Question Number : 7 Question Id : 40503610254 Question Type : MCQ Option Shuffling : Yes Display

Correct Marks : 4 Wrong Marks : 1

जब $(12)^{23}$ तथा $(23)^{12}$ को 5 से विभाजित किया जाता है तो क्रमशः शेषफल r तथा s हैं, तो $r+s$ बराबर है :

Options :

40503637365. 5

40503637366. 4

40503637367. 3

40503637368. 2

Question Number : 7 Question Id : 40503610254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

જો r અને s એ અનુક્રમે $(12)^{23}$ અને $(23)^{12}$ ને 5 વડે ભાગતાં મળતી શેષ હોય, તો $r+s=$_____.

Options :

40503637365. 5

40503637366. 4

40503637367. 3

40503637368. 2

ZOLLEGE.in

Question Number : 8 Question Id : 40503610255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Let f be a differentiable function satisfying $f(x+y)=f(x)+f(y)-xy$ for all $x, y \in \mathbf{R}$. If $\lim\limits_{h\to 0}\dfrac{f(h)}{h}=3$, then $\sum\limits_{n=1}^{10} f(n)$ is equal to :

Options :

40503637369. $-\dfrac{55}{2}$

40503637370. $\dfrac{275}{2}$

40503637371. $-\dfrac{55}{4}$

40503637372. $\dfrac{225}{4}$

Question Number : 8 Question Id : 40503610255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

माना f एक अवकलनीय फलन है जो प्रत्येक $x, y \in \mathbf{R}$ के लिए, $f(x+y)=f(x)+f(y)-xy$ को संतुष्ट करता है। यदि $\lim\limits_{h\to 0} \frac{f(h)}{h}=3$ है, तो $\sum\limits_{n=1}^{10} f(n)$ बराबर है :

Options :

40503637369. $-\frac{55}{2}$

40503637370. $\frac{275}{2}$

40503637371. $-\frac{55}{4}$

40503637372. $\frac{225}{4}$

Question Number : 8 Question Id : 40503610255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

ધારોકે f એ પ્રત્યેક $x, y \in \mathbf{R}$ માટે
$f(x+y)=f(x)+f(y)-xy$ નું સમાધાન કરતું એક વિકલનીય વિધેય છે. જો $\lim\limits_{h\to 0}\frac{f(h)}{h}=3$ હોય, તો $\sum\limits_{n=1}^{10} f(n)=$_____.

Options :

40503637369. $-\frac{55}{2}$

40503637370. $\frac{275}{2}$

40503637371. $-\frac{55}{4}$

40503637372. $\frac{225}{4}$

Question Number : 9 Question Id : 40503610256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For non-zero real numbers a, b, if

$y(x)=\frac{a+b\,x^{3/2}}{x^{5/4}}$, $x>0$ and $y''(5)=0$, then

ZOLLEGE.in

40503637373. $\sqrt{5}:3$

40503637374. $3:\sqrt{5}$

40503637375. $\sqrt{5}:\sqrt{3}$

40503637376. $3:1$

Question Number : 9 Question Id : 40503610256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

शून्येतर वास्तविक संख्याओं a तथा b के लिए यदि

$y(x)=\frac{a+b x^{3/2}}{x^{5/4}}$, $x>0$ तथा $y''(5)=0$ हैं, तो

अनुपात a : b बराबर है :

Options :

40503637373. $\sqrt{5}:3$

40503637374. $3:\sqrt{5}$

40503637375. $\sqrt{5}:\sqrt{3}$

40503637376. $3:1$

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

જો $y(x) = \dfrac{a + b\,x^{3/2}}{x^{5/4}}$, $a, b \in \mathbf{R}$, $x > 0$ અને

$y''(5) = 0$ હોય, તો ગુણોત્તર $a : b =$_____.

Options :

40503637373. $\sqrt{5} : 3$

40503637374. $3 : \sqrt{5}$

40503637375. $\sqrt{5} : \sqrt{3}$

40503637376. $3 : 1$

Question Number : 10 Question Id : 40503610257 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The function $f(x) = \sin 2x + 2\cos x$,

$x \in \left(-\dfrac{3\pi}{4}, \dfrac{3\pi}{4}\right)$ has :

Options :

40503637377. no critical point.

40503637378. a point of local maxima and a point of local minima.

ZOLLEGE.in

40503637379. a point of local maxima and a point of inflection.

40503637380. a point of local minima and a point of inflection.

Question Number : 10 Question Id : 40503610257 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

फलन $f(x)=\sin 2x+2\cos x,\ x\in\left(-\frac{3\pi}{4},\frac{3\pi}{4}\right)$

का :

Options :

40503637377. कोई क्रान्तिक बिन्दु नहीं है।

40503637378. एक बिन्दु स्थानीय उच्चिष्ठ है तथा एक बिन्दु स्थानीय निम्निष्ठ है।

40503637379. एक बिन्दु स्थानीय उच्चिष्ठ है तथा एक नतिपरिवर्तन बिन्दु है।

40503637380. एक बिन्दु स्थानीय निम्निष्ठ है तथा एक नतिपरिवर्तन बिन्दु है।

Question Number : 10 Question Id : 40503610257 Question Type : MCQ Option Shuffling : Yes Displ

ZOLLEGE.in

વિધેય $f(x)=\sin 2x+2\cos x,\ x\in\left(-\frac{3\pi}{4},\frac{3\pi}{4}\right)$

ને :

Options :

40503637377. નિર્ણાયક બિંદુ નથી.

40503637378. એક સ્થાનીય મહત્તમ બિંદુ અને એક સ્થાનીય ન્યૂનતમ બિંદુ છે.

40503637379. એક સ્થાનીય મહત્તમ બિંદુ અને એક નતિબિંદુ છે.

40503637380. એક સ્થાનીય ન્યૂનતમ બિંદુ અને એક નતિબિંદુ છે.

Question Number : 11 Question Id : 40503610258 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The integral $\int\frac{\cos^5\theta}{\sin\theta(4-3\sin^2 2\theta)}\,d\theta$ is

equal to :

(where C is a constant of integration)

Options :

40503637381. $\frac{1}{5}\log_e\left|\frac{\cos^5\theta}{\sin^5\theta+\cos^5\theta}\right|+C$

ZOLLEGE.in

40503637382. $\frac{1}{24}\log_e\left(\frac{\sin^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

40503637383. $\frac{1}{20}\log_e\left|\frac{\sin^5\theta}{\sin^5\theta+\cos^5\theta}\right|+C$

40503637384. $\frac{1}{6}\log_e\left(\frac{\cos^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

Question Number : 11 Question Id : 40503610258 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

समाकल $\int\frac{\cos^5\theta}{\sin\theta(4-3\sin^2 2\theta)}\,d\theta$ बराबर है :

(जहाँ C एक समाकलन अचर है।)

Options :

40503637381. $\frac{1}{5}\log_e\left|\frac{\cos^5\theta}{\sin^5\theta+\cos^5\theta}\right|+C$

40503637382. $\frac{1}{24}\log_e\left(\frac{\sin^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

$\frac{1}{\log}\left|\frac{\sin^5\theta}{}\right|+C$

ZOLLEGE.in

40503637384. $\frac{1}{6}\log_e\left(\frac{\cos^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

Question Number : 11 Question Id : 40503610258 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

સંકલન $\int\frac{\cos^5\theta}{\sin\theta(4-3\sin^2 2\theta)}\,d\theta=$_____.

(જ્યાં C એ સંકલનનો અચળાંક છે.)

Options :

40503637381. $\frac{1}{5}\log_e\left|\frac{\cos^5\theta}{\sin^5\theta+\cos^5\theta}\right|+C$

40503637382. $\frac{1}{24}\log_e\left(\frac{\sin^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

40503637383. $\frac{1}{20}\log_e\left|\frac{\sin^5\theta}{\sin^5\theta+\cos^5\theta}\right|+C$

40503637384. $\frac{1}{6}\log_e\left(\frac{\cos^6\theta}{\sin^6\theta+\cos^6\theta}\right)+C$

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The area (in sq. units) of the region bounded by the parabola $x = 2y^2$ and the line $x + y = 1$ is :

Options :

40503637385. $\frac{11}{12}$

40503637386. $\frac{13}{24}$

40503637387. $\frac{9}{8}$

40503637388. $\frac{5}{4}$

Question Number : 12 Question Id : 40503610259 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

परवलय, $x = 2y^2$ तथा रेखा, $x + y = 1$ द्वारा परिबद्ध क्षेत्र का क्षेत्रफल (वर्ग इकाइयों में) है :

Options :

40503637385. $\frac{11}{12}$

ZOLLEGE.in

40503637386. $\frac{13}{24}$

40503637387. $\frac{9}{8}$

40503637388. $\frac{5}{4}$

Question Number : 12 Question Id : 40503610259 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

પરવલય $x = 2y^2$ અને રેખા $x + y = 1$ વડે આવૃત્ત પ્રદેશનું ક્ષેત્રફળ (ચો. એકમમાં) _____ છે.

Options :

40503637385. $\frac{11}{12}$

40503637386. $\frac{13}{24}$

40503637387. $\frac{9}{8}$

40503637388. $\frac{5}{4}$

ZOLLEGE.in

Question Number : 13 Question Id : 40503610260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Let $y = y(x)$ be the solution of the differential equation $x \log_e x \dfrac{dy}{dx} + 2y = 2x \ (x > 1)$. If $\lim\limits_{x \to 1+} y(x) = 1$, then $y(e^2)$ is equal to :

Options :

40503637389. $\dfrac{e^2 - 1}{2}$

40503637390. $\dfrac{e^2 + 1}{2}$

40503637391. $e^2 - 1$

40503637392. $e^2 + 1$

Question Number : 13 Question Id : 40503610260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

माना $y = y(x)$, अवकल समीकरण, $x \log_e x \dfrac{dy}{dx} + 2y = 2x \ (x > 1)$ का हल है। यदि $\lim\limits_{x \to 1+} y(x) = 1$ है, तो $y(e^2)$ बराबर है :

ZOLLEGE.in

40503637389. $\frac{e^2-1}{2}$

40503637390. $\frac{e^2+1}{2}$

40503637391. e^2-1

40503637392. e^2+1

Question Number : 13 Question Id : 40503610260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ધારોકે $y=y(x)$ એ વિકલ સમીકરણ

$x\log_e x\,\frac{dy}{dx}+2y=2x\ (x>1)$ નો ઉકેલ છે. જો

$\lim\limits_{x\to 1+} y(x)=1$ હોય, તો $y(e^2)=$_____.

Options :

40503637389. $\frac{e^2-1}{2}$

40503637390. $\frac{e^2+1}{2}$

40503637391. e^2-1

ZOLLEGE.in

40503637392. $e^2 + 1$

Question Number : 14 Question Id : 40503610261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If (x_i, y_i), $i=1, 2, 3$ are the vertices of an equilateral triangle such that $(x_1+3)^2+(y_1-4)^2=(x_2+3)^2+(y_2-4)^2=(x_3+3)^2+(y_3-4)^2$, then the value of $\frac{y_1+y_2+y_3}{x_1+x_2+x_3}$ is :

Options :

40503637393. $\frac{4}{3}$

40503637394. $-\frac{4}{3}$

40503637395. $\frac{3}{4}$

40503637396. $-\frac{3}{4}$

Question Number : 14 Question Id : 40503610261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

ZOLLEGE.in

यदि एक समबाहु त्रिभुज के शीर्ष बिन्दु $(x_i, y_i), i=1, 2, 3$ हैं जिनके लिए

$(x_1+3)^2+(y_1-4)^2=(x_2+3)^2+(y_2-4)^2=(x_3+3)^2+(y_3-4)^2$ है, तो $\frac{y_1+y_2+y_3}{x_1+x_2+x_3}$ का मान है :

Options :

40503637393. $\frac{4}{3}$

40503637394. $-\frac{4}{3}$

40503637395. $\frac{3}{4}$

40503637396. $-\frac{3}{4}$

Question Number : 14 Question Id : 40503610261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

જો (x_i, y_i), $i=1, 2, 3$ એ એક સમબાજુ ત્રિકોણનાં એવાં શિરોબિંદુઓ છે કે જેથી

$(x_1+3)^2+(y_1-4)^2=(x_2+3)^2+(y_2-4)^2=$

$(x_3+3)^2+(y_3-4)^2$ થાય, તો $\frac{y_1+y_2+y_3}{x_1+x_2+x_3}$ ની

કિંમત _____ છે.

Options :

40503637393. $\frac{4}{3}$

40503637394. $-\frac{4}{3}$

40503637395. $\frac{3}{4}$

40503637396. $-\frac{3}{4}$

Question Number : 15 Question Id : 40503610262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If tangent at $\left(\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}\right)$ to the circle

$x^2+y^2=1$ is also a tangent to the circle

$(x-a)^2+(y-b)^2=1$, then the ordered pair

ZOLLEGE.in

Options :

40503637397. $(-2, \sqrt{2})$

40503637398. $(-\sqrt{2}, 2\sqrt{2})$

40503637399. $(2, -2\sqrt{2})$

40503637400. $(-\sqrt{2}, \sqrt{2})$

Question Number : 15 Question Id : 40503610262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

यदि वृत्त $x^2+y^2=1$ के बिन्दु $\left(\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}\right)$ पर स्पर्श रेखा वृत्त, $(x-a)^2+(y-b)^2=1$ को भी स्पर्श करती है, तो क्रमित युग्म (a, b) हो सकता है :

Options :

40503637397. $(-2, \sqrt{2})$

40503637398. $(-\sqrt{2}, 2\sqrt{2})$

40503637399. $(2, -2\sqrt{2})$

ZOLLEGE.in

40503637400. $(-\sqrt{2}, \sqrt{2})$

Question Number : 15 Question Id : 40503610262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

જો વર્તુળ $x^2+y^2=1$ ને બિંદુ $\left(\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}\right)$ આગળનો સ્પર્શક, એ વર્તુળ $(x-a)^2+(y-b)^2=1$ નો પણ સ્પર્શક હોય, તો ક્રમયુક્ત જોડ (a, b)=_____ હોઇ શકે.

Options :

40503637397. $(-2, \sqrt{2})$

40503637398. $(-\sqrt{2}, 2\sqrt{2})$

40503637399. $(2, -2\sqrt{2})$

40503637400. $(-\sqrt{2}, \sqrt{2})$

Question Number : 16 Question Id : 40503610263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

The foci of a hyperbola coincide with the foci of the ellipse, $\frac{x^2}{16}+\frac{y^2}{9}=1$. If the eccentricity of the hyperbola is 4, then its equation is :

Options :

40503637401. $\frac{x^2}{7}-\frac{4y^2}{105}=\frac{1}{4}$

40503637402. $\frac{x^2}{7}-\frac{y^2}{105}=\frac{1}{16}$

40503637403. $\frac{x^2}{20}-\frac{y^2}{75}=\frac{1}{16}$

40503637404. $\frac{x^2}{5}-\frac{y^2}{75}=\frac{1}{16}$

Question Number : 16 Question Id : 40503610263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

एक अतिपरवलय के नाभि केन्द्र, दीर्घवृत्त, $\frac{x^2}{16}+\frac{y^2}{9}=1$ के नाभिकेन्द्रों के समान हैं। यदि

ZOLLEGE.in

Options :

40503637401. $\frac{x^2}{7}-\frac{4y^2}{105}=\frac{1}{4}$

40503637402. $\frac{x^2}{7}-\frac{y^2}{105}=\frac{1}{16}$

40503637403. $\frac{x^2}{20}-\frac{y^2}{75}=\frac{1}{16}$

40503637404. $\frac{x^2}{5}-\frac{y^2}{75}=\frac{1}{16}$

Question Number : 16 Question Id : 40503610263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

એક અતિવલયની નાભિઓ એ, ઉપવલય $\frac{x^2}{16}+\frac{y^2}{9}=1$ ની નાભિઓ સાથે સંપાતિ છે. જો આ અતિવલયની ઉત્કેન્દ્રતા 4 હોય, તો તેનું સમીકરણ _____ છે.

Options :

40503637401. $\frac{x^2}{7}-\frac{4y^2}{105}=\frac{1}{4}$

ZOLLEGE.in

40503637402. $\frac{x^2}{7}-\frac{y^2}{105}=\frac{1}{16}$

40503637403. $\frac{x^2}{20}-\frac{y^2}{75}=\frac{1}{16}$

40503637404. $\frac{x^2}{5}-\frac{y^2}{75}=\frac{1}{16}$

Question Number : 17 Question Id : 40503610264 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the plane $P: 2x-y+3z+5=0$ is rotated through 90° about its line of intersection with the plane $5x-4y-2z+1=0$, then the equation of the plane P in the new position is :

Options :

40503637405. $27x-24y-26z+13=0$

40503637406. $27x-24y-26z-13=0$

40503637407. $31x+2y-20z-13=0$

40503637408. $31x-25y+29z+13=0$

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

यदि समतल $P : 2x - y + 3z + 5 = 0$ को समतल $5x - 4y - 2z + 1 = 0$ तथा समतल P की प्रतिच्छेदन रेखा के सापेक्ष 90° के कोण पर घुमाया जाता है, तो नयी स्थिति में समतल P का समीकरण है :

Options :

40503637405. $27x - 24y - 26z + 13 = 0$

40503637406. $27x - 24y - 26z - 13 = 0$

40503637407. $31x + 2y - 20z - 13 = 0$

40503637408. $31x - 25y + 29z + 13 = 0$

Question Number : 17 Question Id : 40503610264 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

જો સમતલ $P : 2x - y + 3z + 5 = 0$ ને તેની સમતલ $5x - 4y - 2z + 1 = 0$ સાથેની છેદ રેખાની સાપેક્ષે 90° થી પરિભ્રમણ કરાવવામાં આવે, તો આ નવી સ્થિતિમાં સમતલ P નું સમીકરણ કયું થાય?

Options :

40503637405. $27x - 24y - 26z + 13 = 0$

ZOLLEGE.in

40503637407. $31x+2y-20z-13=0$

40503637408. $31x-25y+29z+13=0$

Question Number : 18 Question Id : 40503610265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The top of two poles, standing 4 m apart on a horizontal plane, are connected by a cable. If the angles of depression from the top of one pole to the bottom of another pole are 30° and 45°, then the minimum length (in m) of the cable is :

Options :

40503637409. $\sqrt{\frac{32\sqrt{3}-16}{3}}$

40503637410. $\sqrt{\frac{128-32\sqrt{3}}{3}}$

40503637411. $\sqrt{\frac{122-32\sqrt{3}}{3}}$

40503637412. $\sqrt{\frac{112-32\sqrt{3}}{3}}$

ZOLLEGE.in

Question Number : 18 Question Id : 40503610265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

क्षैतिज तल पर दो खम्बे 4 मीटर की दूरी पर सीधे खड़े हैं जिनके शिखरों को एक केबल (cable) द्वारा जोड़ा गया है। यदि एक खम्बे के शिखर का दूसरे खम्बे के पाद से अवनमन कोण 30° तथा 45° हैं तो केबल की न्यूनतम लम्बाई (मी. में) है :

Options :

40503637409. $\sqrt{\frac{32\sqrt{3}-16}{3}}$

40503637410. $\sqrt{\frac{128-32\sqrt{3}}{3}}$

40503637411. $\sqrt{\frac{122-32\sqrt{3}}{3}}$

40503637412. $\sqrt{\frac{112-32\sqrt{3}}{3}}$

Question Number : 18 Question Id : 40503610265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

એક સમક્ષિતિજ સમતલ પર એક બીજાથી 4 મી. અંતરે ઉભેલા બે થાંભલાઓની ટોચને એક તારથી જોડેલ છે. જો એક થાંભલાની ટોચથી બીજા થાંભલાના તળીયાના અવસેધકોણ 30° અને 45° હોય, તો તારની ન્યૂનતમ લંબાઇ (મીટર માં) _____ હોય.

Options :

40503637409. $\sqrt{\frac{32\sqrt{3}-16}{3}}$

40503637410. $\sqrt{\frac{128-32\sqrt{3}}{3}}$

40503637411. $\sqrt{\frac{122-32\sqrt{3}}{3}}$

40503637412. $\sqrt{\frac{112-32\sqrt{3}}{3}}$

Question Number : 19 Question Id : 40503610266 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Let A, B and C be three events such that the probability of occurrence of exactly one of A and B is $\frac{1}{2}$, the probability of occurrence of exactly one of B and C is $\frac{3}{4}$ and the probability of occurrence of exactly one of C and A is $\frac{1}{4}$. If the probability of occurrence of all the three events simultaneously is $\frac{1}{16}$, then the probability that at least one of the three events will occur is :

Options :

40503637413. $\frac{7}{16}$

40503637414. $\frac{13}{16}$

40503637415. $\frac{7}{8}$

40503637416. $\frac{15}{16}$

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

माना तीन घटनायें A, B तथा C इस प्रकार हैं कि

A तथा B में से मात्र एक के होने की प्रायिकता $\frac{1}{2}$ है,

B तथा C में से मात्र एक के होने की प्रायिकता $\frac{3}{4}$ है,

और C तथा A में से मात्र एक के होने की प्रायिकता $\frac{1}{4}$ है। यदि तीनों घटनाओं के एक साथ होने की प्रायिकता $\frac{1}{16}$ है, तो इन तीनों घटनाओं में से कम से कम एक के होने की प्रायिकता है :

Options :

40503637413. $\frac{7}{16}$

40503637414. $\frac{13}{16}$

40503637415. $\frac{7}{8}$

40503637416. $\frac{15}{16}$

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

ધારો કે A, B અને C એ એવી ત્રણ ઘટનાઓ છે કે જેથી A અને B માંથી બરાબર એકજ ઘટના બને તેની સંભાવના $\frac{1}{2}$, B અને C માંથી બરાબર એકજ ઘટના બને તેની સંભાવના $\frac{3}{4}$ તથા C અને A માંથી બરાબર એકજ ઘટના બને તેની સંભાવના $\frac{1}{4}$ છે. જો આ ત્રણેય ઘટનાઓ એક સાથે બને તેની સંભાવના $\frac{1}{16}$ હોય, તો આ ત્રણ માંથી ઓછામાં ઓછી એક ઘટના બને તેની સંભાવના _____ છે.

Options :

40503637413. $\frac{7}{16}$

40503637414. $\frac{13}{16}$

40503637415. $\frac{7}{8}$

40503637416. $\frac{15}{16}$

ZOLLEGE.in

Question Number : 20 Question Id : 40503610267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Let

p : I have passed JEE (Main),

q : My JEE (Main) rank is 100, and

r : I will appear in JEE (Advanced)

be three statements with truth values T, F and T respectively. Then which one of the following has the truth value, F ?

Options :

40503637417. $(\sim p \vee \sim q) \wedge r$

40503637418. $(p \wedge \sim q) \vee (\sim r)$

40503637419. $(\sim p \vee q) \wedge (\sim r)$

40503637420. $(\sim p \wedge q) \vee r$

Question Number : 20 Question Id : 40503610267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

माना

p : मैंने JEE (Main) पास कर लिया है,

q : मेरा JEE (Main) में रैंक (Rank) 100 है तथा

r : मैं JEE (Advanced) की परीक्षा दूंगा

तीन कथन हैं, जिनके सत्यमान क्रमश: T, F तथा T हैं।

तो निम्न में से किसका सत्यमान F है?

Options :

40503637417. $(\sim p \vee \sim q) \wedge r$

40503637418. $(p \wedge \sim q) \vee (\sim r)$

40503637419. $(\sim p \vee q) \wedge (\sim r)$

40503637420. $(\sim p \wedge q) \vee r$

Question Number : 20 Question Id : 40503610267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ધારોકે

p : મે JEE (Main) ઉત્તિર્ણ કરી છે.

q : મારો JEE (Main) નો ઉત્તિર્ણ ક્રમાંક 100 છે. અને

r : હું JEE (Advanced) માં ભાગ લઇશ.

એ જેનાં સત્યાર્થતા મૂલ્યો અનુક્રમે T, F અને T હોય

ZOLLEGE.in

Options :

40503637417. $(\sim p \vee \sim q) \wedge r$

40503637418. $(p \wedge \sim q) \vee (\sim r)$

40503637419. $(\sim p \vee q) \wedge (\sim r)$

40503637420. $(\sim p \wedge q) \vee r$

Sub-Section Number : 2
Sub-Section Id : 405036716
Question Shuffling Allowed : Yes

Question Number : 21 Question Id : 40503610268 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

Let $B = \begin{bmatrix} 22 & -26 \\ -6 & 10 \end{bmatrix}$ be the matrix obtained by applying the elementary row operations $R_2 \to R_2 - R_1$, $R_1 \to 2R_1$ and $R_1 \to R_1 - 2R_2$ (in this order only) on a matrix A. Then the sum of all entries of A is _____.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText

ZOLLEGE.in

5 to 5.002

Question Number : 21 Question Id : 40503610268 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

यदि आव्यूह A पर प्रारम्भिक पंक्ति संक्रियाओं $R_2 \to R_2 - R_1$, $R_1 \to 2R_1$ तथा $R_1 \to R_1 - 2R_2$ (केवल इसी क्रम में) के प्रयोग से आव्यूह $B = \begin{bmatrix} 22 & -26 \\ -6 & 10 \end{bmatrix}$ प्राप्त होता है, तो A के सभी अवयवों (entries) का योगफल है_____।

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 21 Question Id : 40503610268 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

શ્રેણીક A ઉપર પ્રાથમિક હાર-પ્રક્રિયાઓ $R_2 \to R_2 - R_1$, $R_1 \to 2R_1$ અને $R_1 \to R_1 - 2R_2$ (આ ક્રમમાં જ) કરતાં શ્રેણીક $B = \begin{bmatrix} 22 & -26 \\ -6 & 10 \end{bmatrix}$ મળે છે. તો શ્રેણીક A નાં બધા ઘટકોનો સરવાળો= _____ થાય.

ZOLLEGE.in

Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 22 Question Id : 40503610269 Question Type : SA Display Question Number : Yes Correct Marks : 4 Wrong Marks : 0

For b$\in$**N**, if the limit of the function

$$f(x) = \begin{cases} [5x-4], & x < 4 \\ \dfrac{[x+b]}{2}, & x > 4 \end{cases}$$

when $x \to 4$, exists and [t] denotes the greatest integer $\leq$t, then b is equal to _____.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 22 Question Id : 40503610269 Question Type : SA Display Question Number : Yes Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

$b \in N$ के लिये, फलन $f(x) = \begin{cases} [5x-4], & x < 4 \\ \frac{[x+b]}{2}, & x > 4 \end{cases}$

की सीमा जबकि $x \to 4$ है का अस्तित्व है और [t] महत्तम पूर्णांक $\leq t$ को दर्शाता है, तो b बराबर है _____ ।

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 22 Question Id : 40503610269 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

જો $b \in N$, માટે વિધેય $f(x) = \begin{cases} [5x-4], & x < 4 \\ \frac{[x+b]}{2}, & x > 4 \end{cases}$

નું લક્ષ $x \to 4$ માટે અસ્તિત્વ ધરાવે, જ્યાં [t] મહત્તમ પૂર્ણાંક $\leq t$ દર્શાવે છે, તો b = _____ થાય.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :

ZOLLEGE.in

Question Number : 23 Question Id : 40503610270 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

If $S = \{x \in [0, 4\pi] : \sin 2x - \cos x = 0\}$ and the sum of the elements of S is $k\pi$, then k is equal to _____.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 23 Question Id : 40503610270 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

यदि $S = \{x \in [0, 4\pi] : \sin 2x - \cos x = 0\}$ है तथा समुच्चय S के सभी अवयवों का योगफल $k\pi$ है, तो k बराबर है _____ ।

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 23 Question Id : 40503610270 Question Type : SA Display Question Number : Ye

જો $S = \{x \epsilon [0, 4\pi] : \sin 2x - \cos x = 0\}$ હોય અને S નાં ઘટકોનો સરવાળો $k\pi$ થતો હોય તો k = _____ થાય.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 24 Question Id : 40503610271 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

If the mean of the numbers $-7, -5, -2, x, 5$ is -1, then the variance of the numbers $x-3, 4x, x+3$ is _____.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 24 Question Id : 40503610271 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

यदि संख्याओं $-7, -5, -2, x, 5$ का माध्य -1 है,
तो संख्याओं $x-3$, $4x$, $x+3$ का प्रसरण है
_____।

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 24 Question Id : 40503610271 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

જો સંખ્યાઓ $-7, -5, -2, x, 5$ નો મધ્યક -1 હોય
તો $x-3, 4x, x+3$ નું વિચરણ _____ થાય.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 25 Question Id : 40503610272 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

If the equation of a plane P passing through the point $\hat{i} + \hat{j} + \hat{k}$ is $\vec{r} \cdot \left(2\hat{i} - \hat{j} + a\hat{k}\right) = 3$, then the length of the perpendicular from the point $4\hat{i} - \hat{j} + 3\hat{k}$ on the plane P is _____.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 25 Question Id : 40503610272 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

यदि एक समतल P, जो बिन्दु $\hat{i} + \hat{j} + \hat{k}$ से होकर जाता है का समीकरण $\vec{r} \cdot \left(2\hat{i} - \hat{j} + a\hat{k}\right) = 3$ है,

तो बिन्दु $4\hat{i} - \hat{j} + 3\hat{k}$ से समतल P पर डाले गए लम्ब की लम्बाई है _____।

Response Type : Numeric
Evaluation Required For SA : Yes

ZOLLEGE.in

Text Areas : PlainText
Possible Answers :
5 to 5.002

Question Number : 25 Question Id : 40503610272 Question Type : SA Display Question Number : Yes
Correct Marks : 4 Wrong Marks : 0

બિંદુ $\hat{i} + \hat{j} + \hat{k}$ માંથી પસાર થતાં સમતલ P નું

સમીકરણ $\vec{r} \cdot \left(2\hat{i} - \hat{j} + a\hat{k}\right) = 3$ હોય, તો બિંદુ

$4\hat{i} - \hat{j} + 3\hat{k}$ માંથી P ઉપર દોરેલ લંબની લંબાઇ

= _____ થાય.

Response Type : Numeric
Evaluation Required For SA : Yes
Show Word Count : Yes
Answers Type : Range
Text Areas : PlainText
Possible Answers :
5 to 5.002

Aptitude Test

Section Id :	405036371
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50

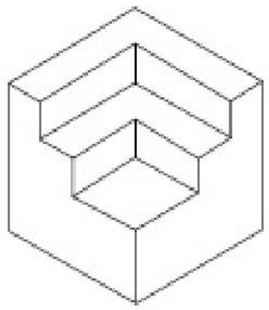
ZOLLEGE.in

Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	405036717
Question Shuffling Allowed :	Yes

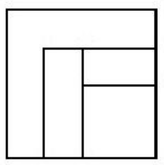
Question Number : 26 Question Id : 40503610273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

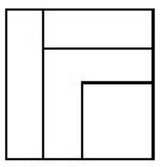
Correct Marks : 4 Wrong Marks : 1

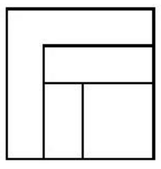
The 3 - D figure shows the view of an object. Identify the correct top view from amongst the answer figures.



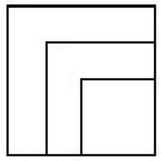
Options :

40503637426. 

40503637427. 

40503637428 

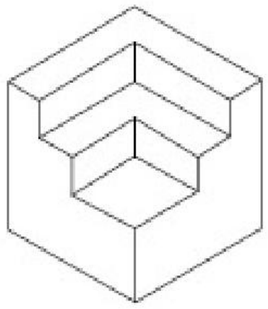
ZOLLEGE.in

40503637429. 

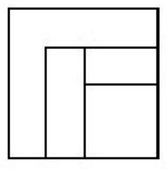
Question Number : 26 Question Id : 40503610273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

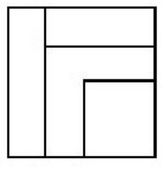
Correct Marks : 4 Wrong Marks : 1

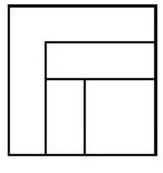
3 - D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये।



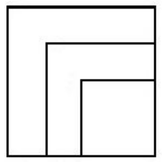
Options :

40503637426. 

40503637427. 

40503637428. 

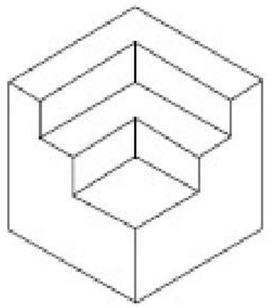
ZOLLEGE.in

40503637429. 

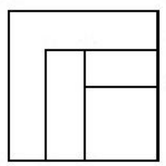
Question Number : 26 Question Id : 40503610273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

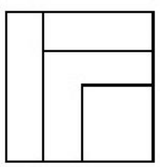
Correct Marks : 4 Wrong Marks : 1

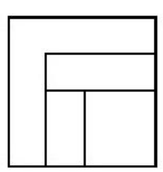
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. જવાબ આકૃતિઓમાંથી આનું સાચું ઉપરી દશ્ય (top view) શોધો.



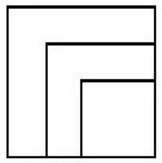
Options :

40503637426. 

40503637427. 

40503637428. 

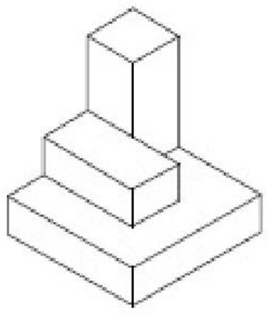
ZOLLEGE.in

40503637429. 

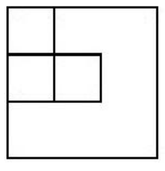
Question Number : 27 Question Id : 40503610274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

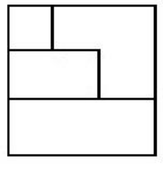
Correct Marks : 4 Wrong Marks : 1

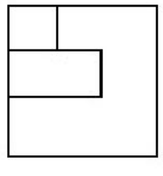
The 3 - D figure shows the view of an object. Identify the correct top view from amongst the answer figures.



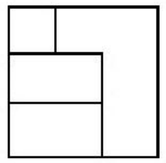
Options :

40503637430. 

40503637431. 

40503637432. 

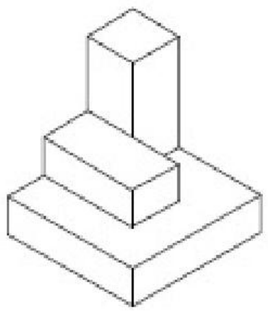
Z@LLEGE.in

40503637433. 

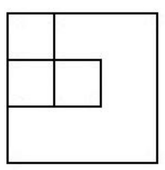
Question Number : 27 Question Id : 40503610274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

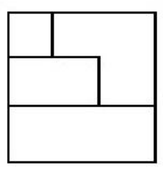
Correct Marks : 4 Wrong Marks : 1

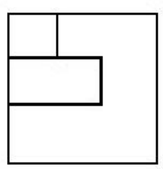
3 - D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये।



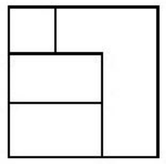
Options :

40503637430. 

40503637431. 

40503637432. 

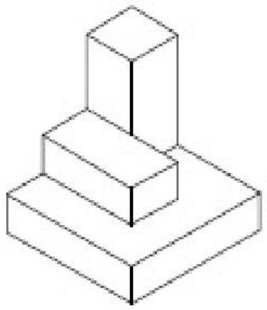
ZOLLEGE.in

40503637433. 

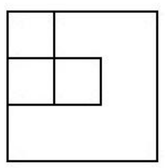
Question Number : 27 Question Id : 40503610274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

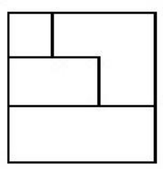
Correct Marks : 4 Wrong Marks : 1

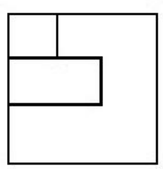
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. જવાબ આકૃતિઓમાંથી આનું સાચું ઉપરી દશ્ય (top view) શોધો.



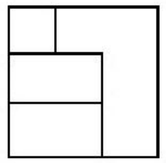
Options :

40503637430. 

40503637431. 

40503637432. 

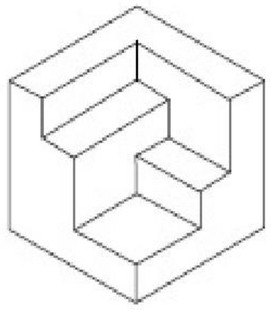
ZOLLEGE.in

40503637433. 

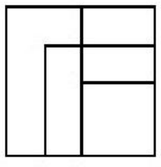
Question Number : 28 Question Id : 40503610275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

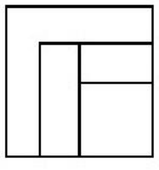
Correct Marks : 4 Wrong Marks : 1

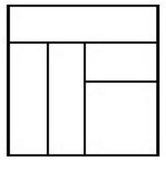
The 3 - D figure shows the view of an object. Identify the correct top view from amongst the answer figures.



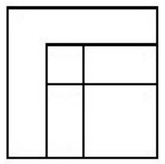
Options :

40503637434. 

40503637435. 

40503637436. 

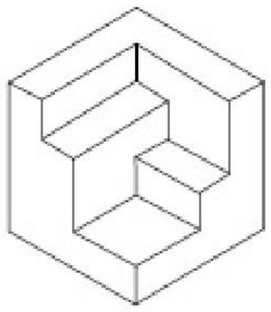
ZOLLEGE.in

40503637437. 

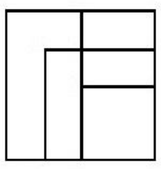
Question Number : 28 Question Id : 40503610275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

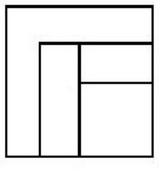
Correct Marks : 4 Wrong Marks : 1

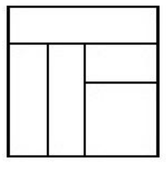
3 - D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये।



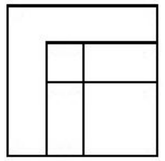
Options :

40503637434. 

40503637435. 

40503637436 

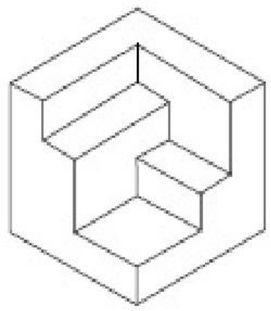
ZOLLEGE.in

40503637437. 

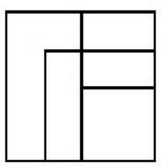
Question Number : 28 Question Id : 40503610275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

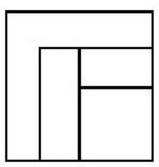
Correct Marks : 4 Wrong Marks : 1

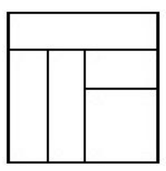
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. જવાબ આકૃતિઓમાંથી આનું સાચું ઉપરી દશ્ય (top view) શોધો.



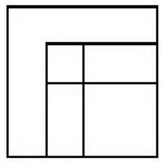
Options :

40503637434. 

40503637435. 

40503637436. 

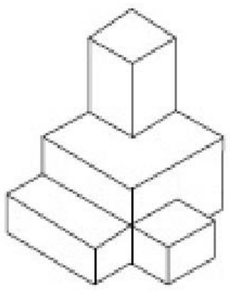
ZOLLEGE.in

40503637437. 

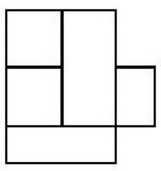
Question Number : 29 Question Id : 40503610276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

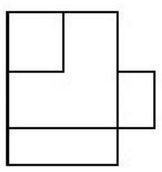
Correct Marks : 4 Wrong Marks : 1

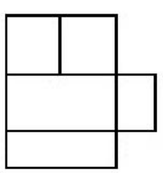
The 3 - D figure shows the view of an object. Identify the correct top view from amongst the answer figures.



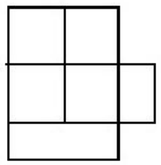
Options :

40503637438. 

40503637439. 

40503637440. 

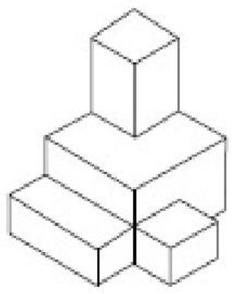
ZOLLEGE.in

40503637441. 

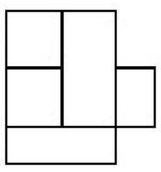
Question Number : 29 Question Id : 40503610276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

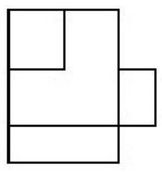
Correct Marks : 4 Wrong Marks : 1

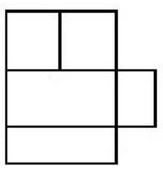
3 - D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये।



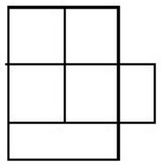
Options :

40503637438. 

40503637439. 

40503637440. 

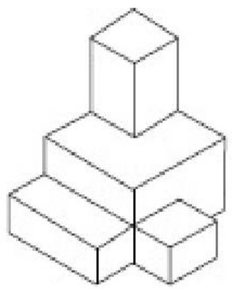
ZOLLEGE.in

40503637441. 

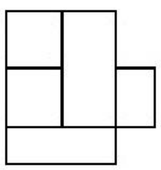
Question Number : 29 Question Id : 40503610276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

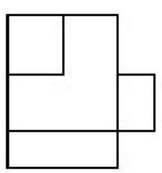
Correct Marks : 4 Wrong Marks : 1

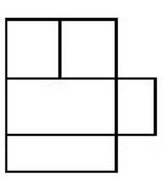
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. જવાબ આકૃતિઓમાંથી આનું સાચું ઉપરી દશ્ય (top view) શોધો.



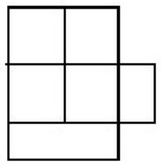
Options :

40503637438. 

40503637439. 

40503637440. 

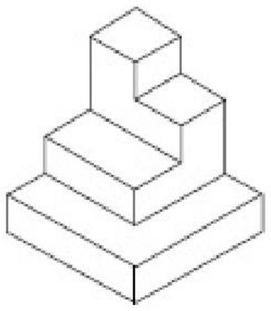
ZOLLEGE.in

40503637441. 

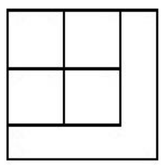
Question Number : 30 Question Id : 40503610277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

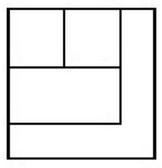
Correct Marks : 4 Wrong Marks : 1

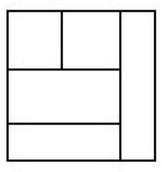
The 3 - D figure shows the view of an object. Identify the correct top view from amongst the answer figures.



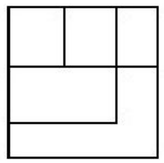
Options :

40503637442. 

40503637443. 

40503637444. 

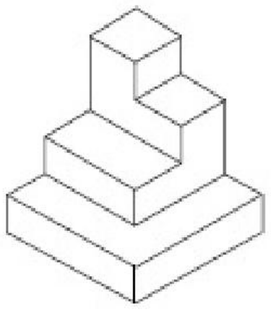
ZOLLEGE.in

40503637445. 

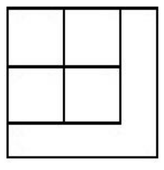
Question Number : 30 Question Id : 40503610277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

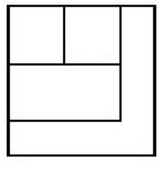
Correct Marks : 4 Wrong Marks : 1

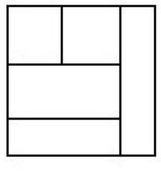
3 - D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये।



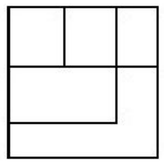
Options :

40503637442. 

40503637443. 

40503637444. 

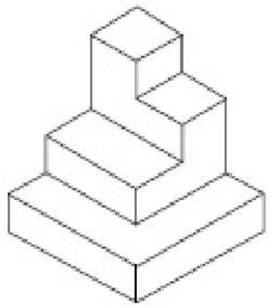
ZOLLEGE.in

40503637445. 

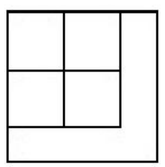
Question Number : 30 Question Id : 40503610277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

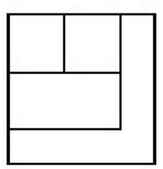
Correct Marks : 4 Wrong Marks : 1

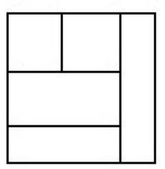
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. જવાબ આકૃતિઓમાંથી આનું સાચું ઉપરી દશ્ય (top view) શોધો.



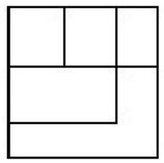
Options :

40503637442. 

40503637443. 

40503637444. 

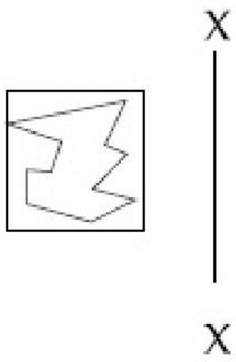
ZOLLEGE.in

40503637445. 

Question Number : 31 Question Id : 40503610278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the answer figures is the correct mirror image of the problem figure with respect to X – X ?



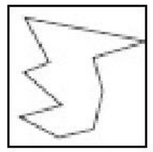
Options :

40503637446. 

40503637447. 



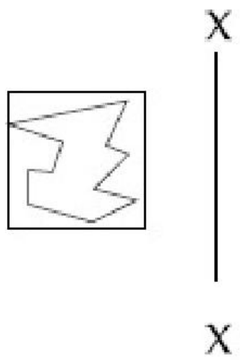
ZOLLEGE.in

40503637449. 

Question Number : 31 Question Id : 40503610278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X – X से सम्बंधित सही दर्पण प्रतिबिम्ब है?



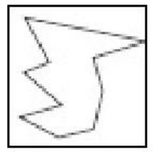
Options :

40503637446. 

40503637447. 

40503637448. 

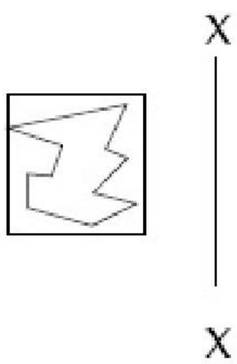
ZOLLEGE.in

40503637449. 

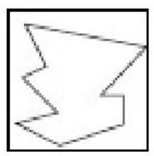
Question Number : 31 Question Id : 40503610278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

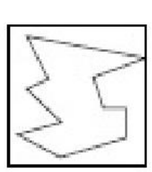
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ, આપેલ પ્રશ્ન આકૃતિનું X – X ની સાપેક્ષ, સાચું દર્પણ પ્રતિબિંબ (mirror image) છે?



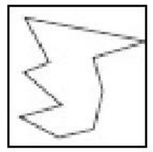
Options :

40503637446. 

40503637447. 

40503637448. 

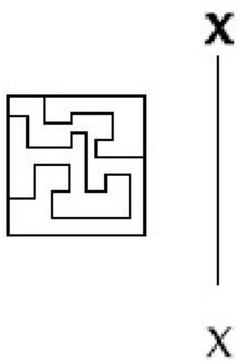
ZOLLEGE.in

40503637449. 

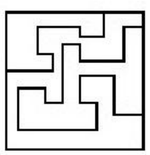
Question Number : 32 Question Id : 40503610279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

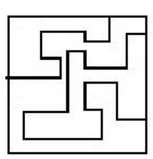
Correct Marks : 4 Wrong Marks : 1

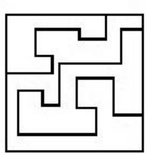
Which one of the answer figures is the correct mirror image of the problem figure with respect to X – X ?



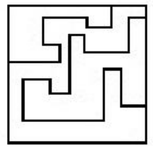
Options :

40503637450. 

40503637451. 

40503637452. 

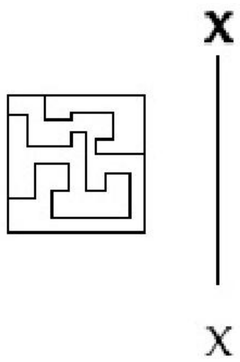
ZOLLEGE.in

40503637453. 

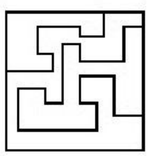
Question Number : 32 Question Id : 40503610279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

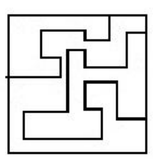
Correct Marks : 4 Wrong Marks : 1

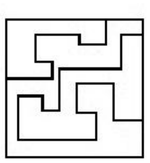
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X – X से सम्बंधित सही दर्पण प्रतिबिम्ब है?



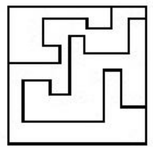
Options :

40503637450. 

40503637451. 

40503637452. 

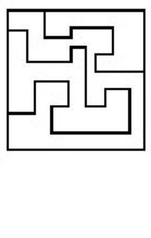
ZOLLEGE.in

40503637453. 

Question Number : 32 Question Id : 40503610279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

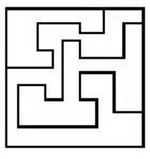
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ, આપેલ પ્રશ્ન આકૃતિનું X – X ની સાપેક્ષ, સાચું દર્પણ પ્રતિબિંબ (mirror image) છે ?

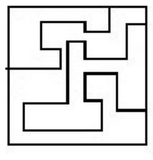


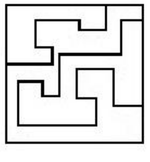
X

X

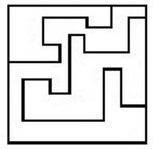
Options :

40503637450. 

40503637451. 

40503637452. 

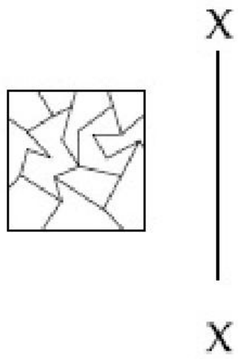
ZOLLEGE.in

40503637453. 

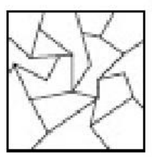
Question Number : 33 Question Id : 40503610280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

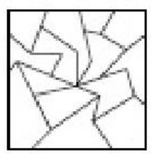
Correct Marks : 4 Wrong Marks : 1

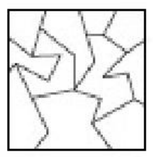
Which one of the answer figures is the correct mirror image of the problem figure with respect to X – X ?



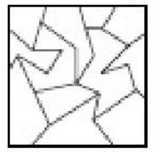
Options :

40503637454. 

40503637455. 

40503637456. 

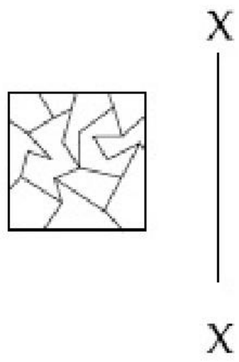
ZOLLEGE.in

40503637457. 

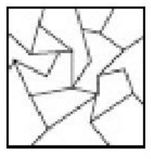
Question Number : 33 Question Id : 40503610280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

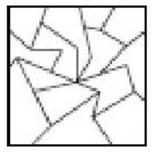
Correct Marks : 4 Wrong Marks : 1

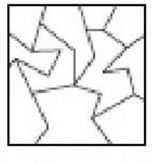
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X – X से सम्बंधित सही दर्पण प्रतिबिम्ब है?



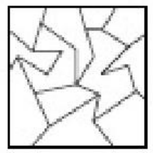
Options :

40503637454. 

40503637455. 

40503637456. 

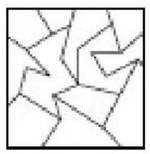
ZOLLEGE.in

40503637457. 

Question Number : 33 Question Id : 40503610280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

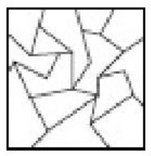
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ, આપેલ પ્રશ્ન આકૃતિનું X – X ની સાપેક્ષ, સાચું દર્પણ પ્રતિબિંબ (mirror image) છે?

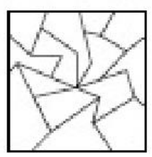


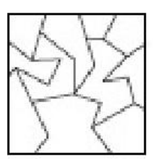
X

X

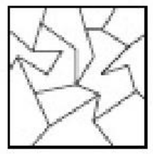
Options :

40503637454. 

40503637455. 

40503637456. 

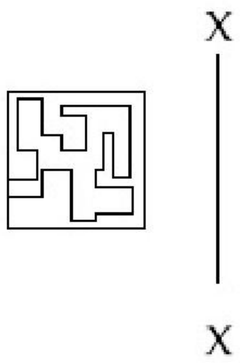
ZOLLEGE.in

40503637457. 

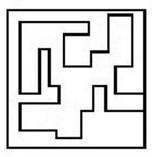
Question Number : 34 Question Id : 40503610281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

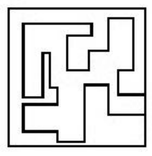
Correct Marks : 4 Wrong Marks : 1

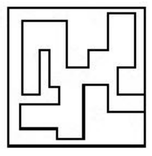
Which one of the answer figures is the correct mirror image of the problem figure with respect to X – X ?



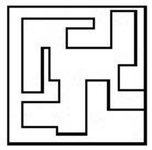
Options :

40503637458. 

40503637459. 

40503637460 

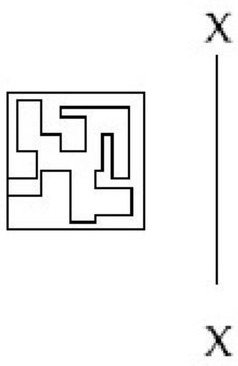
ZOLLEGE.in

40503637461. 

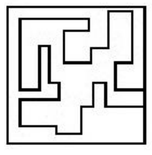
Question Number : 34 Question Id : 40503610281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

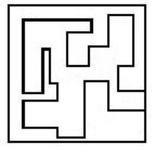
Correct Marks : 4 Wrong Marks : 1

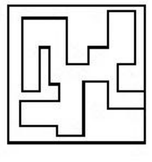
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X – X से सम्बंधित सही दर्पण प्रतिबिम्ब है?



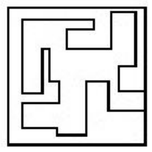
Options :

40503637458. 

40503637459. 

40503637460. 

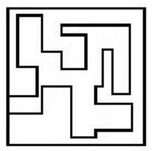
ZOLLEGE.in

40503637461. 

Question Number : 34 Question Id : 40503610281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

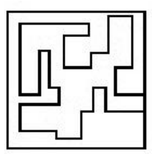
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ, આપેલ પ્રશ્ન આકૃતિનું X – X ની સાપેક્ષ, સાચું દર્પણ પ્રતિબિંબ (mirror image) છે ?

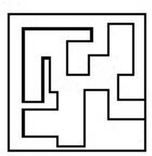


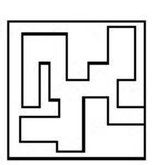
X

X

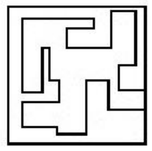
Options :

40503637458. 

40503637459. 

40503637460. 

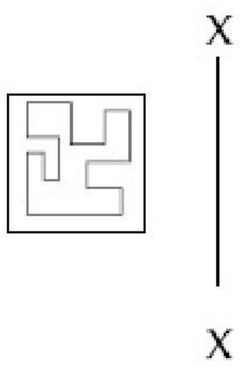
ZOLLEGE.in

40503637461. 

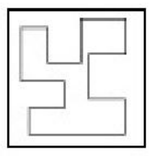
Question Number : 35 Question Id : 40503610282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

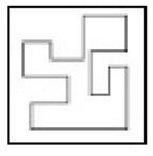
Correct Marks : 4 Wrong Marks : 1

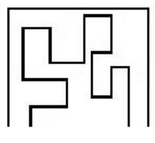
Which one of the answer figures is the correct mirror image of the problem figure with respect to X – X ?



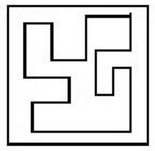
Options :

40503637462. 

40503637463. 



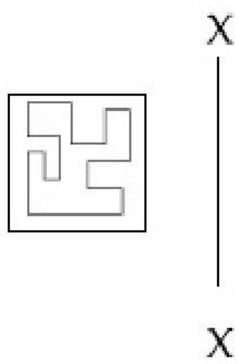
ZOLLEGE.in

40503637465. 

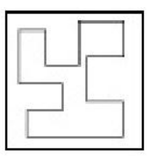
Question Number : 35 Question Id : 40503610282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

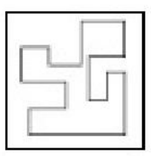
Correct Marks : 4 Wrong Marks : 1

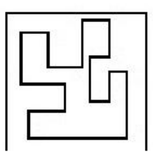
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X – X से सम्बंधित सही दर्पण प्रतिबिम्ब है?



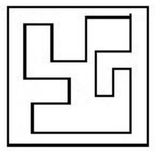
Options :

40503637462. 

40503637463. 

40503637464. 

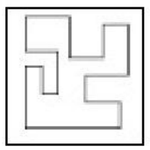
ZOLLEGE.in

40503637465. 

Question Number : 35 Question Id : 40503610282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

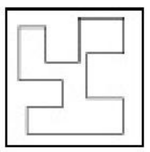
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ, આપેલ પ્રશ્ન આકૃતિનું X – X ની સાપેક્ષ, સાચું દર્પણ પ્રતિબિંબ (mirror image) છે ?

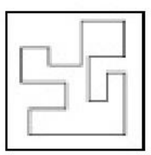


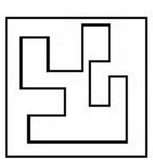
X

X

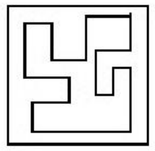
Options :

40503637462. 

40503637463. 

40503637464 

ZOLLEGE.in

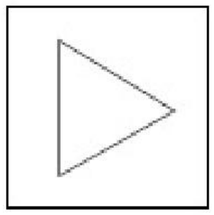
40503637465. 

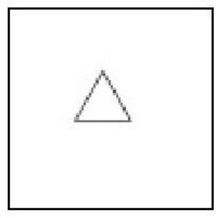
Question Number : 36 Question Id : 40503610283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

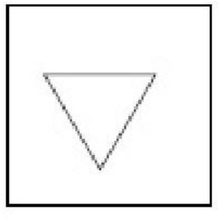
Correct Marks : 4 Wrong Marks : 1

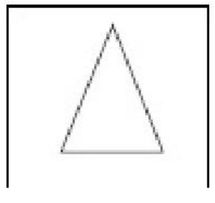
Find the odd figure out of the problem figures given below.

Options :

40503637466. 

40503637467. 

40503637468. 



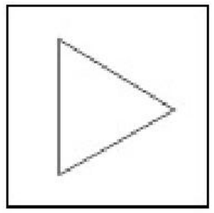
ZOLLEGE.in

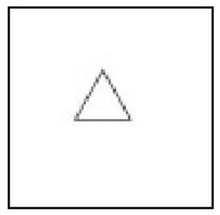
Question Number : 36 Question Id : 40503610283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

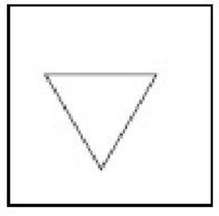
Correct Marks : 4 Wrong Marks : 1

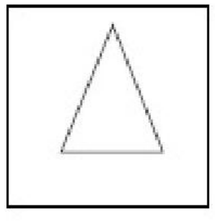
नीचे दी गयी प्रश्न आकृतियों में से विषम आकृति पहचानिये।

Options :

40503637466. 

40503637467. 

40503637468. 

40503637469. 

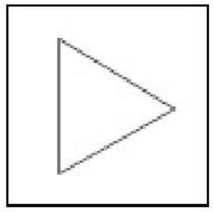
ZOLLEGE.in

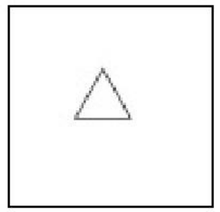
Question Number : 36 Question Id : 40503610283 Question Type : MCQ Option Shuffling : Yes Displav Ouestion Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

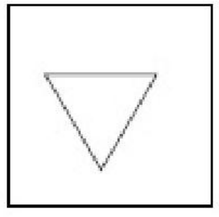
ZOLLEGE.in

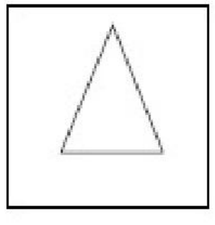
નીચે આપેલ પ્રશ્ન આકૃતિઓમાંથી વિષમ આકૃતિ (odd figure) શોધો.

Options :

40503637466. 

40503637467. 

40503637468. 

40503637469. 

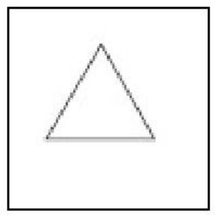
Question Number : 37 Question Id : 40503610284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

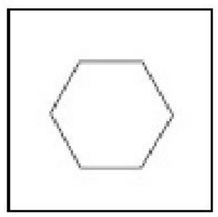
Correct Marks : 4 Wrong Marks : 1

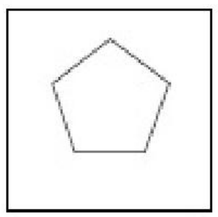
Find the odd figure out of the problem figures given below.

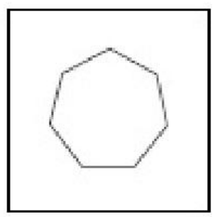
Options :

ZOLLEGE.in

40503637470. 

40503637471. 

40503637472. 

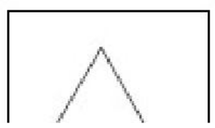
40503637473. 

Question Number : 37 Question Id : 40503610284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

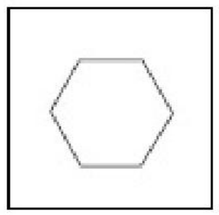
Correct Marks : 4 Wrong Marks : 1

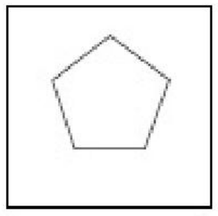
नीचे दी गयी प्रश्न आकृतियों में से विषम आकृति पहचानिये।

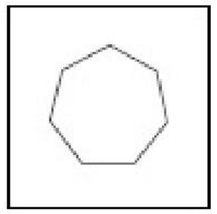
Options :



ZOLLEGE.in

40503637471. 

40503637472. 

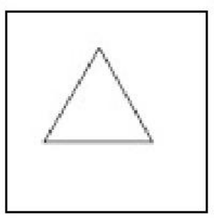
40503637473. 

Question Number : 37 Question Id : 40503610284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

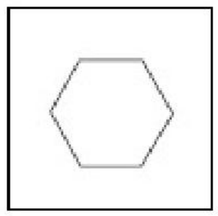
Correct Marks : 4 Wrong Marks : 1

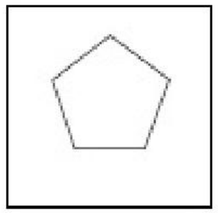
નીચે આપેલ પ્રશ્ન આકૃતિઓમાંથી વિષમ આકૃતિ (odd figure) શોધો.

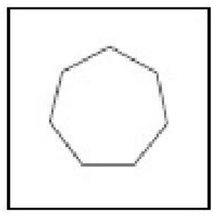
Options :

40503637470. 

ZOLLEGE.in

40503637471. 

40503637472. 

40503637473. 

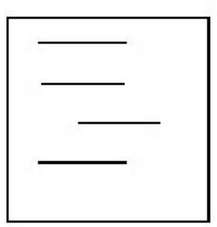
ZOLLEGE.in

Question Number : 38 Question Id : 40503610285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

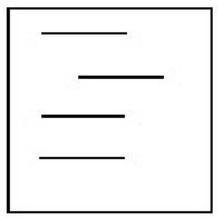
Correct Marks : 4 Wrong Marks : 1

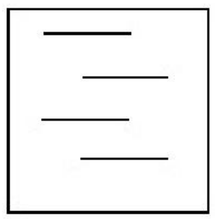
Find the odd figure out of the problem figures given below.

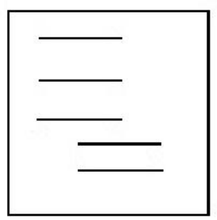
Options :

40503637474. 

ZOLLEGE.in

40503637475. 

40503637476. 

40503637477. 

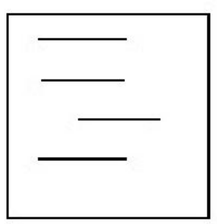
ZOLLEGE.in

Question Number : 38 Question Id : 40503610285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

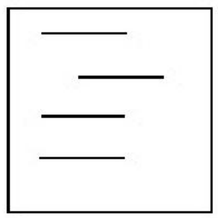
Correct Marks : 4 Wrong Marks : 1

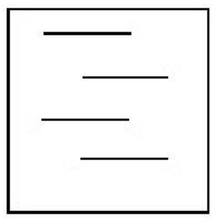
नीचे दी गयी प्रश्न आकृतियों में से विषम आकृति पहचानिये।

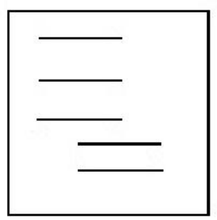
Options :

40503637474. 

ZOLLEGE.in

40503637475. 

40503637476. 

40503637477. 

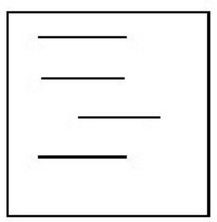
ZOLLEGE.in

Question Number : 38 Question Id : 40503610285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

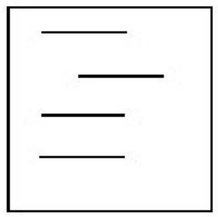
Correct Marks : 4 Wrong Marks : 1

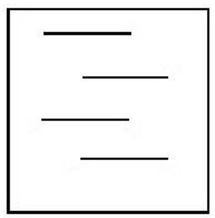
નીચે આપેલ પ્રશ્ન આકૃતિઓમાંથી વિષમ આકૃતિ (odd figure) શોધો.

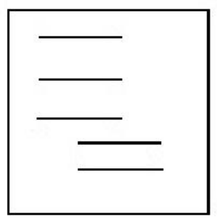
Options :

40503637474. 

ZOLLEGE.in

40503637475. 

40503637476. 

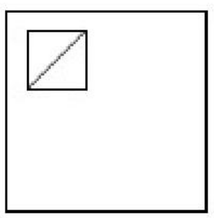
40503637477. 

Question Number : 39 Question Id : 40503610286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

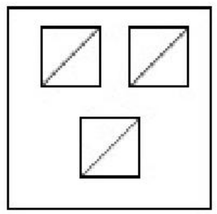
Correct Marks : 4 Wrong Marks : 1

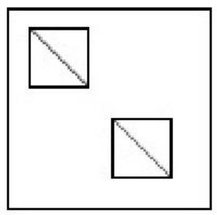
Find the odd figure out of the problem figures given below.

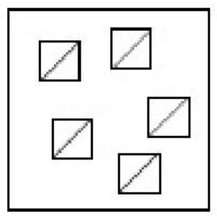
Options :

40503637478. 

ZOLLEGE.in

40503637479. 

40503637480. 

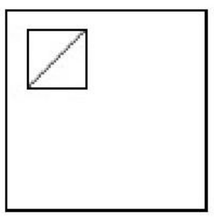
40503637481. 

Question Number : 39 Question Id : 40503610286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

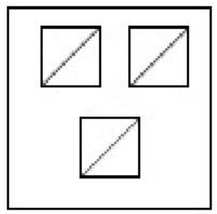
Correct Marks : 4 Wrong Marks : 1

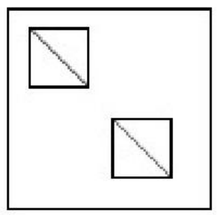
नीचे दी गयी प्रश्न आकृतियों में से विषम आकृति पहचानिये।

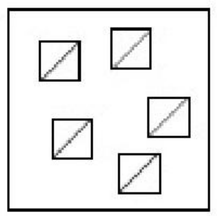
Options :

40503637478. 

ZOLLEGE.in

40503637479. 

40503637480. 

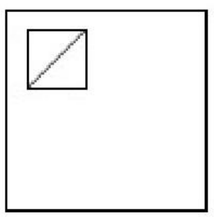
40503637481. 

Question Number : 39 Question Id : 40503610286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

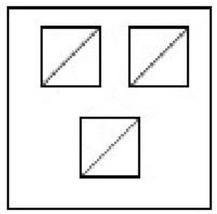
Correct Marks : 4 Wrong Marks : 1

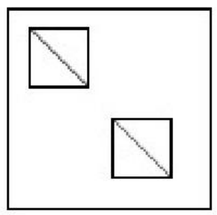
નીચે આપેલ પ્રશ્ન આકૃતિઓમાંથી વિષમ આકૃતિ (odd figure) શોધો.

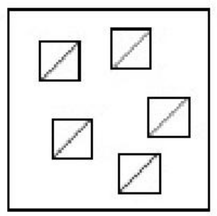
Options :

40503637478. 

ZOLLEGE.in

40503637479. 

40503637480. 

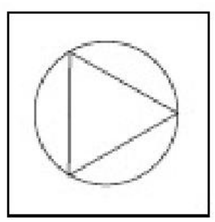
40503637481. 

Question Number : 40 Question Id : 40503610287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

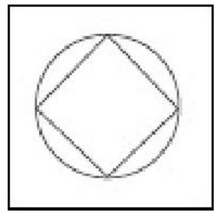
Correct Marks : 4 Wrong Marks : 1

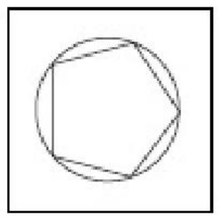
Find the odd figure out of the problem figures given below.

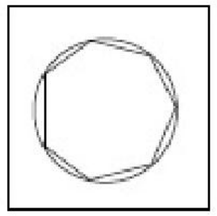
Options :

40503637482. 

ZOLLEGE.in

40503637483. 

40503637484. 

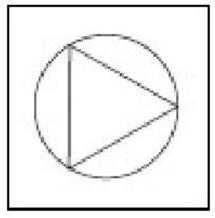
40503637485. 

Question Number : 40 Question Id : 40503610287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

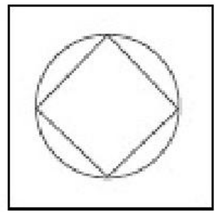
Correct Marks : 4 Wrong Marks : 1

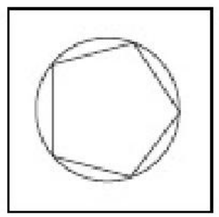
नीचे दी गयी प्रश्न आकृतियों में से विषम आकृति पहचानिये।

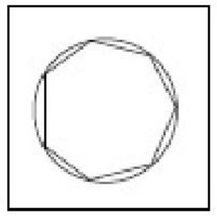
Options :

40503637482. 

ZOLLEGE.in

40503637483. 

40503637484. 

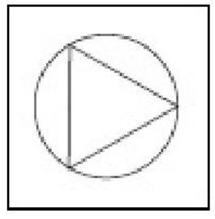
40503637485. 

Question Number : 40 Question Id : 40503610287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

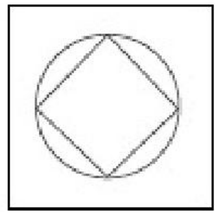
Correct Marks : 4 Wrong Marks : 1

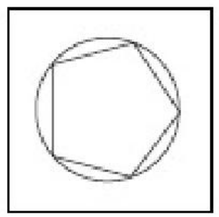
નીચે આપેલ પ્રશ્ન આકૃતિઓમાંથી વિષમ આકૃતિ (odd figure) શોધો.

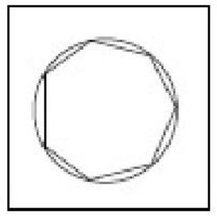
Options :

40503637482. 

ZOLLEGE.in

40503637483. 

40503637484. 

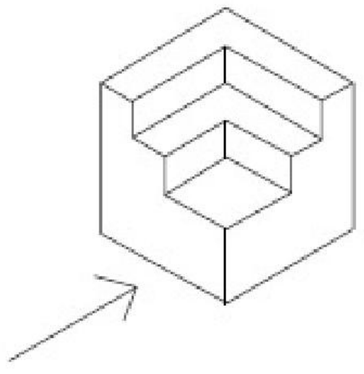
40503637485. 

ZOLLEGE.in

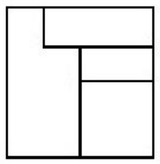
Question Number : 41 Question Id : 40503610288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

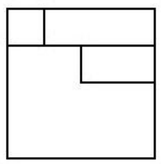
Correct Marks : 4 Wrong Marks : 1

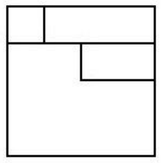
The 3 – D figure shows the view of an object. Identify the correct front view in the direction of the arrow, from amongst the answer figures.

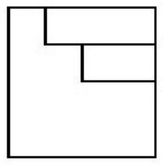


ZOLLEGE.in

40503637486. 

40503637487. 

40503637488. 

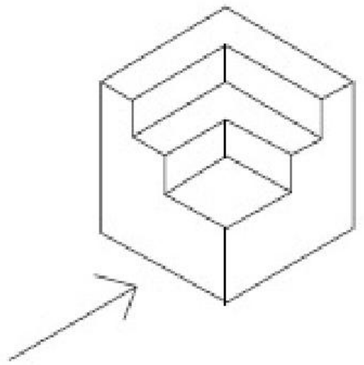
40503637489. 

Question Number : 41 Question Id : 40503610288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

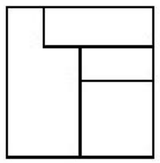
Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

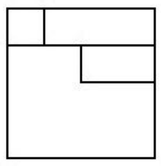
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।



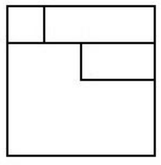
Options :



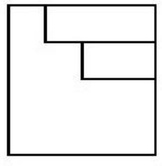
40503637486.



40503637487.



40503637488.



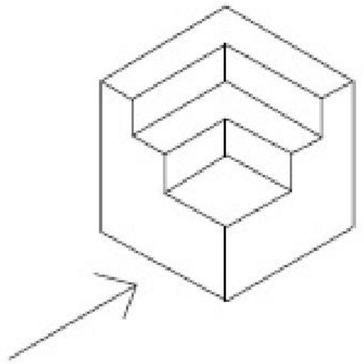
40503637489.

ZOLLEGE.in

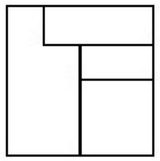
Question Number : 41 Question Id : 40503610288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

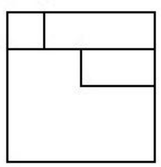
3 – D પ્રશ્ન આકૃતિ એક વસ્તુનું દૃશ્ય બતાવે છે. તીરની દિશામાં જોતા, આનું સાચું સન્મુખ દૃશ્ય (front view) જવાબ આકૃતિઓમાંથી શોધો.



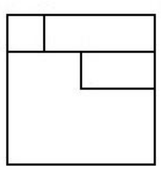
Options :



40503637486.

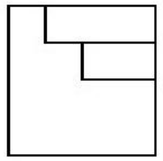


40503637487.



40503637488.

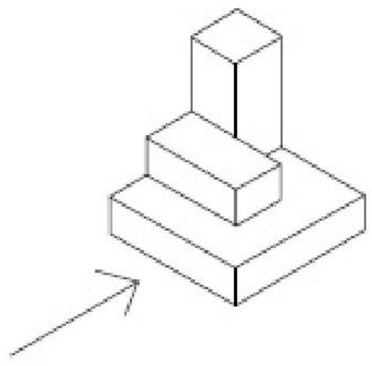
ZOLLEGE.in

40503637489. 

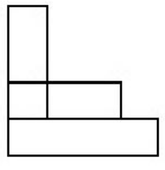
Question Number : 42 Question Id : 40503610289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

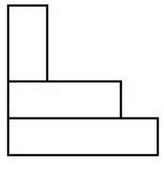
Correct Marks : 4 Wrong Marks : 1

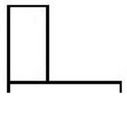
The 3 – D figure shows the view of an object. Identify the correct front view in the direction of the arrow, from amongst the answer figures.



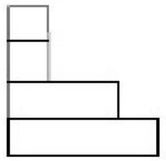
Options :

40503637490. 

40503637491. 



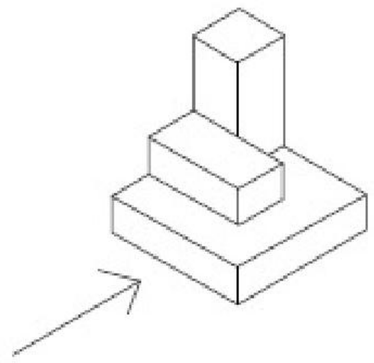
ZOLLEGE.in

40503637493. 

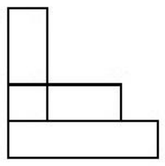
Question Number : 42 Question Id : 40503610289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

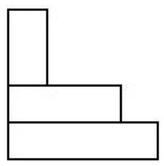
Correct Marks : 4 Wrong Marks : 1

3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।

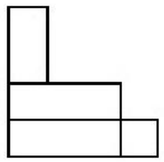


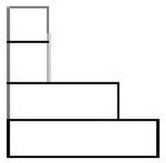
Options :

40503637490. 

40503637491. 

ZOLLEGE.in

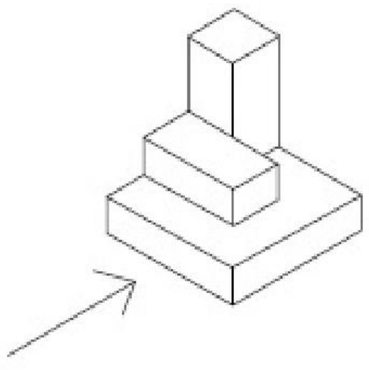
40503637492. 

40503637493. 

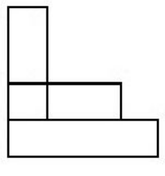
Question Number : 42 Question Id : 40503610289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

3 – D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતા, આનું સાચું સન્મુખ દશ્ય (front view) જવાબ આકૃતિઓમાંથી શોધો.

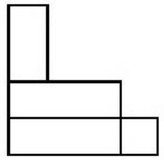


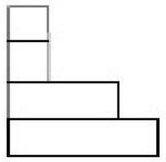
Options :

40503637490. 



ZOLLEGE.in

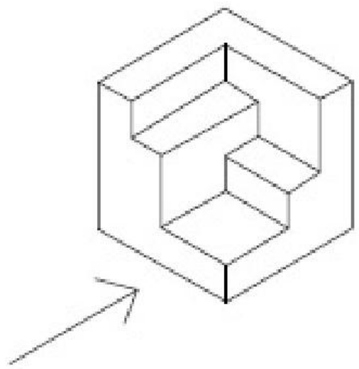
40503637492. 

40503637493. 

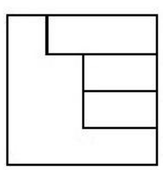
Question Number : 43 Question Id : 40503610290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The 3 – D figure shows the view of an object. Identify the correct front view in the direction of the arrow, from amongst the answer figures.

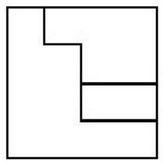


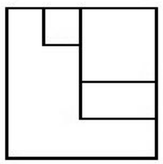
Options :

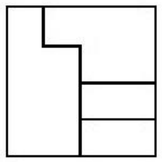


40503637494.

ZOLLEGE.in

40503637495. 

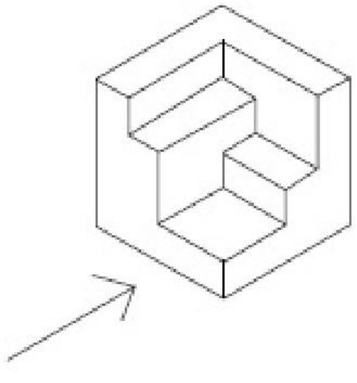
40503637496. 

40503637497. 

Question Number : 43 Question Id : 40503610290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

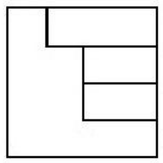
Correct Marks : 4 Wrong Marks : 1

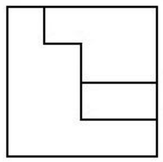
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।

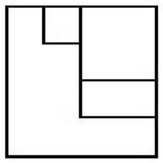


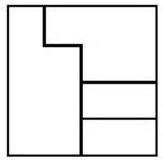
Options :

ZOLLEGE.in

40503637494. 

40503637495. 

40503637496. 

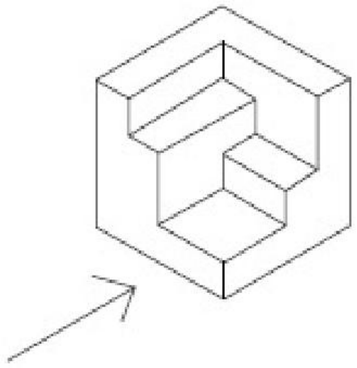
40503637497. 

Question Number : 43 Question Id : 40503610290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

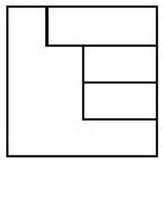
Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

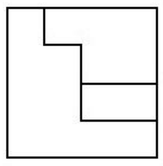
3 – D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતા, આનું સાચું સન્મુખ દશ્ય (front view) જવાબ આકૃતિઓમાંથી શોધો.



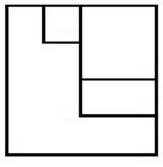
Options :



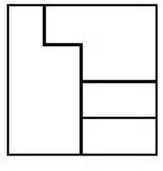
40503637494.



40503637495.



40503637496.



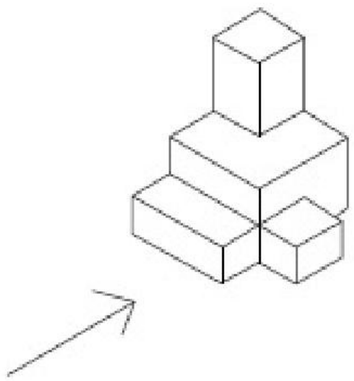
40503637497.

ZOLLEGE.in

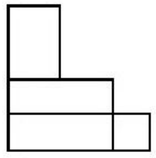
Question Number : 44 Question Id : 40503610291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

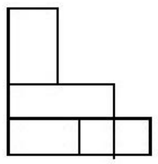
Correct Marks : 4 Wrong Marks : 1

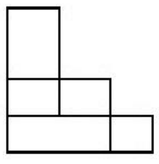
The 3 – D figure shows the view of an object. Identify the correct front view in the direction of the arrow, from amongst the answer figures.

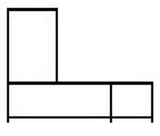


Options :

40503637498. 

40503637499. 

40503637500. 

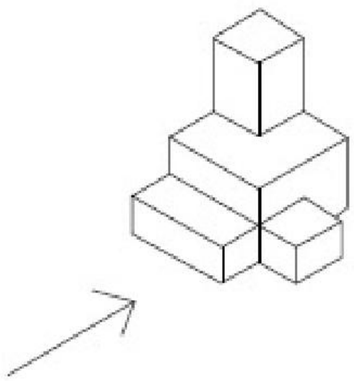


ZOLLEGE.in

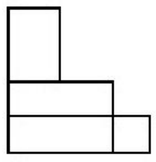
Question Number : 44 Question Id : 40503610291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

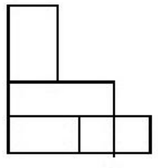
Correct Marks : 4 Wrong Marks : 1

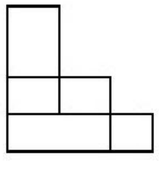
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।



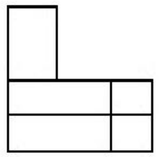
Options :

40503637498. 

40503637499. 

40503637500. 

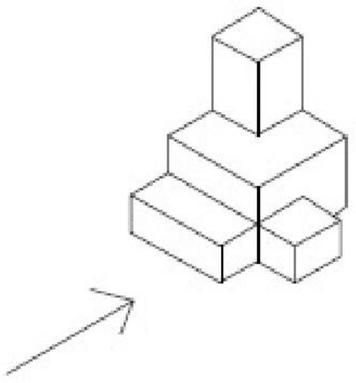
ZOLLEGE.in

40503637501. 

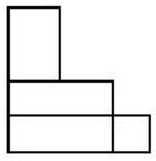
Question Number : 44 Question Id : 40503610291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

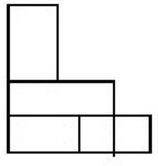
Correct Marks : 4 Wrong Marks : 1

3 – D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતા, આનું સાચું સન્મુખ દશ્ય (front view) જવાબ આકૃતિઓમાંથી શોધો.

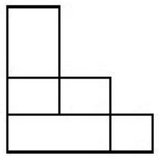


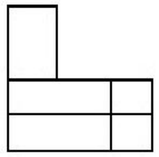
Options :

40503637498. 

40503637499. 

ZOLLEGE.in

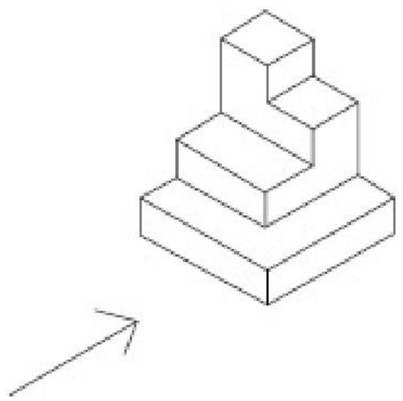
40503637500. 

40503637501. 

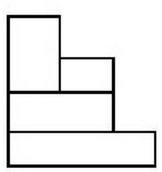
Question Number : 45 Question Id : 40503610292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

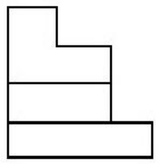
The 3 – D figure shows the view of an object. Identify the correct front view in the direction of the arrow, from amongst the answer figures.

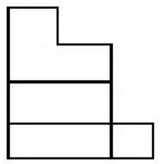


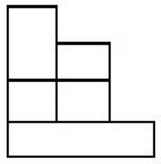
Options :

40503637502. 

ZOLLEGE.in

40503637503. 

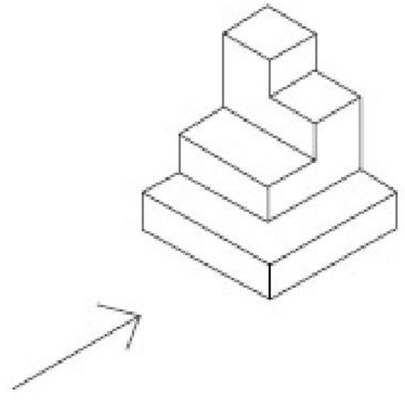
40503637504. 

40503637505. 

Question Number : 45 Question Id : 40503610292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

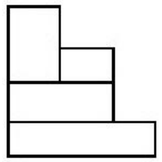
Correct Marks : 4 Wrong Marks : 1

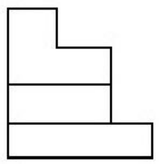
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।

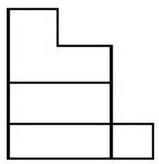


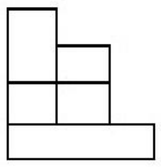
Options :

ZOLLEGE.in

40503637502. 

40503637503. 

40503637504. 

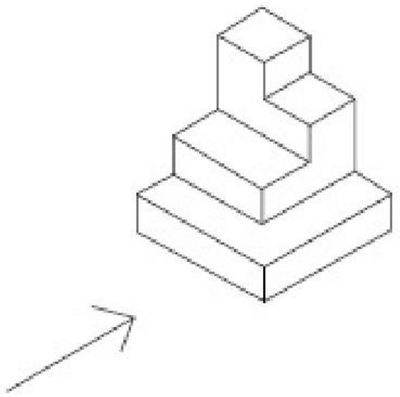
40503637505. 

Question Number : 45 Question Id : 40503610292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

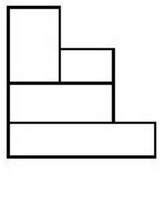
Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

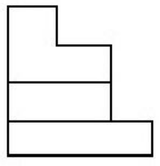
3 – D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતા, આનું સાચું સન્મુખ દશ્ય (front view) જવાબ આકૃતિઓમાંથી શોધો.



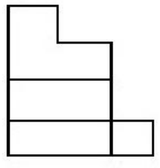
Options :



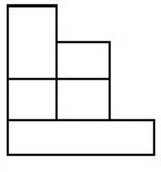
40503637502.



40503637503.



40503637504.



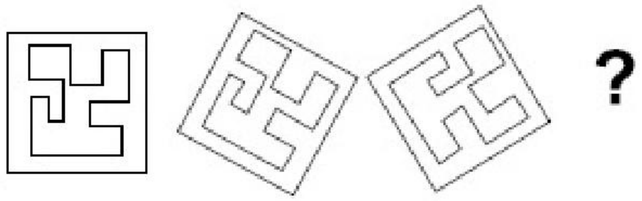
40503637505

ZOLLEGE.in

Question Number : 46 Question Id : 40503610293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

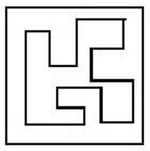
Correct Marks : 4 Wrong Marks : 1

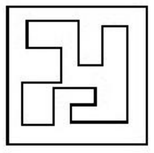
Which one of the answer figure will complete the sequence of the three problem figures ?

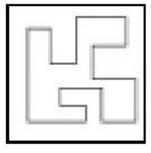


Options :

40503637506. 

40503637507. 

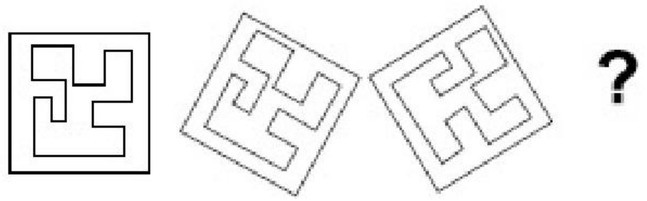
40503637508. 

40503637509. 

Question Number : 46 Question Id : 40503610293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

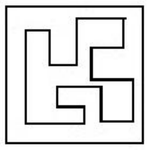
ZOLLEGE.in

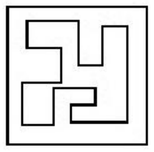
उत्तर आकृतियों में से कौन सी आकृति को तीन प्रश्न आकृतियों में लगाने से अनुक्रम (sequence) पूरा हो जायेगा?

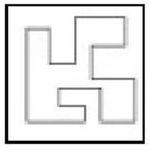


Options :

40503637506. 

40503637507. 

40503637508. 

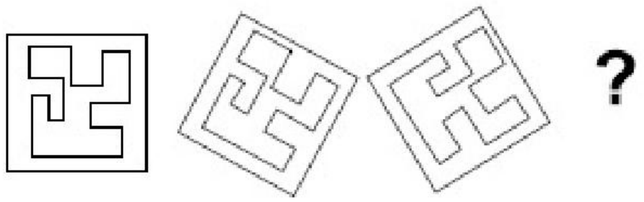
40503637509. 

Question Number : 46 Question Id : 40503610293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

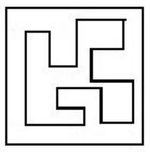
ZOLLEGE.in

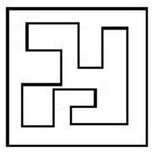
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ આપેલ ત્રણ પ્રશ્ન આકૃતિઓની શ્રેણી પૂર્ણ કરશે?

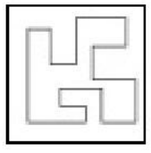


Options :

40503637506. 

40503637507. 

40503637508. 

40503637509. 

Question Number : 47 Question Id : 40503610294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

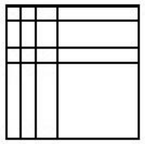
Correct Marks : 4 Wrong Marks : 1

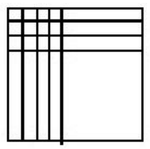
Which one of the answer figure will complete the sequence of the three problem figures ?

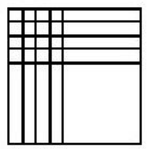


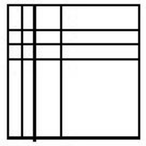
ZOLLEGE.in

Options :

40503637510. 

40503637511. 

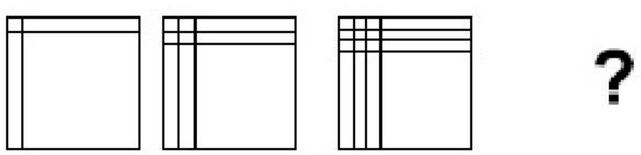
40503637512. 

40503637513. 

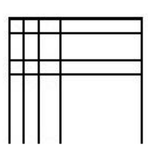
Question Number : 47 Question Id : 40503610294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

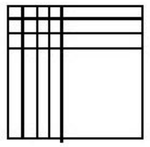
उत्तर आकृतियों में से कौन सी आकृति को तीन प्रश्न आकृतियों में लगाने से अनुक्रम (sequence) पूरा हो जायेगा?

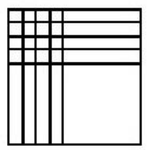


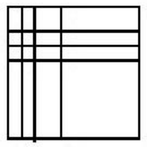
Options :



ZOLLEGE.in

40503637511. 

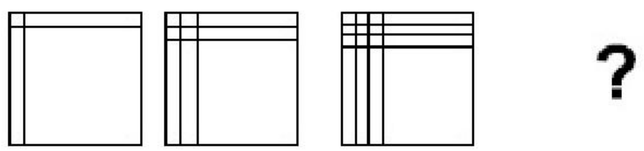
40503637512. 

40503637513. 

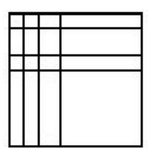
Question Number : 47 Question Id : 40503610294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

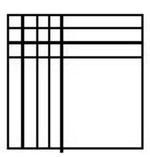
Correct Marks : 4 Wrong Marks : 1

જવાબ આકૃતિઓમાંથી કઈ આકૃતિ આપેલ ત્રણ પ્રશ્ન આકૃતિઓની શ્રેણી પૂર્ણ કરશે?

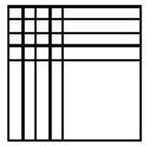


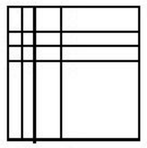
Options :

40503637510. 

40503637511. 

ZOLLEGE.in

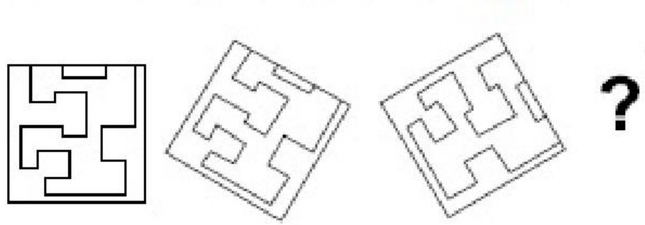
40503637512. 

40503637513. 

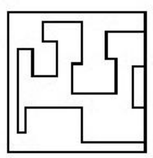
Question Number : 48 Question Id : 40503610295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

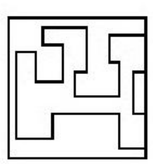
Correct Marks : 4 Wrong Marks : 1

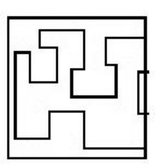
Which one of the answer figure will complete the sequence of the three problem figures ?



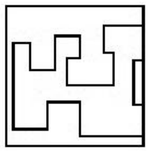
Options :

40503637514. 

40503637515. 

40503637516 

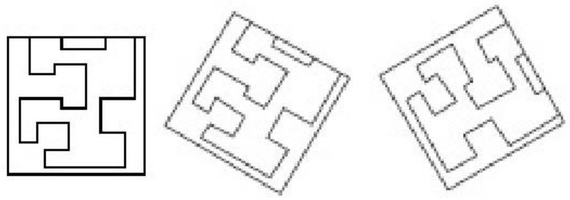
ZOLLEGE.in

40503637517. 

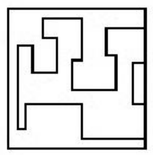
Question Number : 48 Question Id : 40503610295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

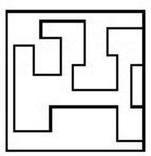
Correct Marks : 4 Wrong Marks : 1

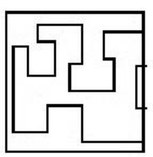
उत्तर आकृतियों में से कौन सी आकृति को तीन प्रश्न आकृतियों में लगाने से अनुक्रम (sequence) पूरा हो जायेगा?

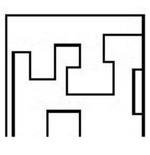


Options :

40503637514. 

40503637515. 

40503637516. 

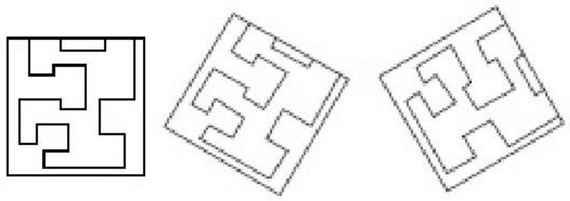


ZOLLEGE.in

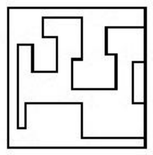
Question Number : 48 Question Id : 40503610295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

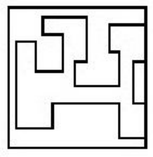
Correct Marks : 4 Wrong Marks : 1

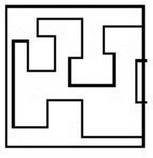
જવાબ આકૃતિઓમાંથી કઈ આકૃતિ આપેલ ત્રણ પ્રશ્ન આકૃતિઓની શ્રેણી પૂર્ણ કરશે?

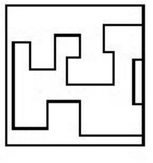


Options :

40503637514. 

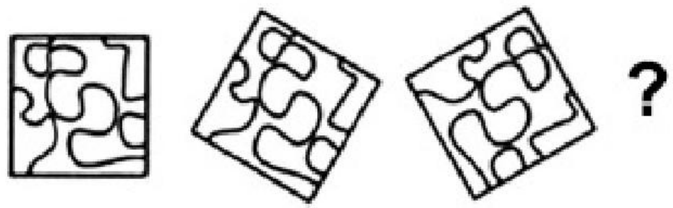
40503637515. 

40503637516. 

40503637517. 

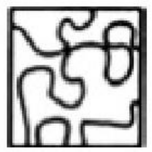
Question Number : 49 Question Id : 40503610296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which one of the answer figure will complete the sequence of the three problem figures ?



Options :

40503637518. 

40503637519. 

40503637520. 

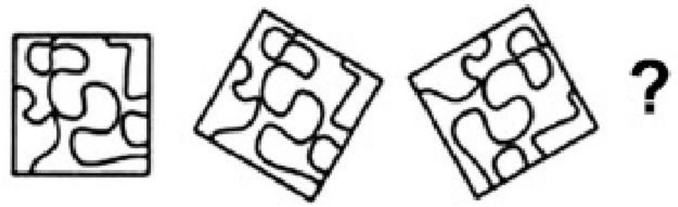
40503637521. 

Question Number : 49 Question Id : 40503610296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

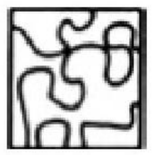
ZOLLEGE.in

उत्तर आकृतियों में से कौन सी आकृति को तीन प्रश्न आकृतियों में लगाने से अनुक्रम (sequence) पूरा हो जायेगा?



Options :

40503637518. 

40503637519. 

40503637520. 

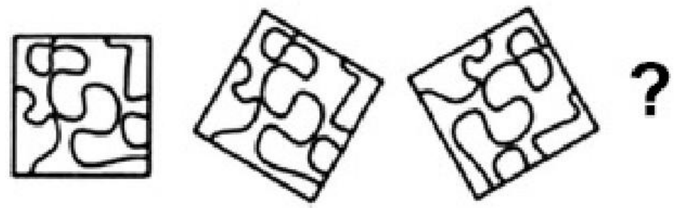
40503637521. 

Question Number : 49 Question Id : 40503610296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

જવાબ આકૃતિઓમાંથી કઈ આકૃતિ આપેલ ત્રણ પ્રશ્ન આકૃતિઓની શ્રેણી પૂર્ણ કરશે?



Options :

40503637518. 

40503637519. 

40503637520. 

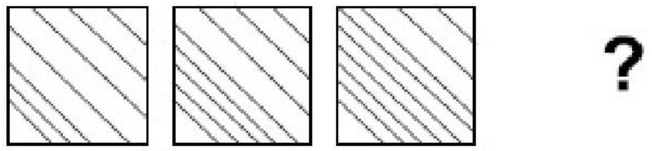
40503637521. 

Question Number : 50 Question Id : 40503610297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

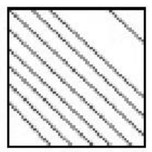
Which one of the answer figure will complete the sequence of the three problem figures ?



Options :

40503637522. 

40503637523. 

40503637524. 

40503637525. 

Question Number : 50 Question Id : 40503610297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

उत्तर आकृतियों में से कौन सी आकृति को तीन प्रश्न आकृतियों में लगाने से अनुक्रम (sequence) पूरा हो जायेगा ?

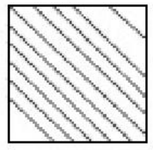


ZOLLEGE.in

40503637522. 

40503637523. 

40503637524. 

40503637525. 

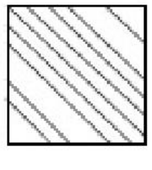
Question Number : 50 Question Id : 40503610297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

જવાબ આકૃતિઓમાંથી કઈ આકૃતિ આપેલ ત્રણ પ્રશ્ન આકૃતિઓની શ્રેણી પૂર્ણ કરશે?

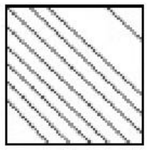


Options :

40503637522. 

ZOLLEGE.in

40503637523. 

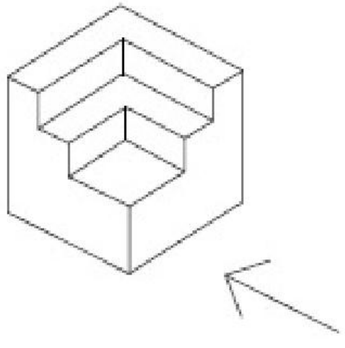
40503637524. 

40503637525. 

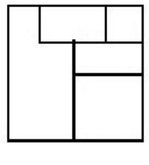
Question Number : 51 Question Id : 40503610298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

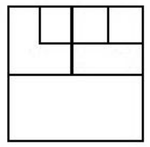
The 3 – D figure shows the view of an object. Identify the correct view in the direction of the arrow, from amongst the answer figures.

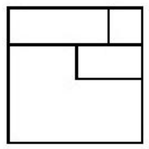


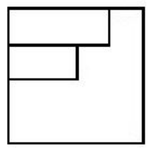
Options :

40503637526 

ZOLLEGE.in

40503637527. 

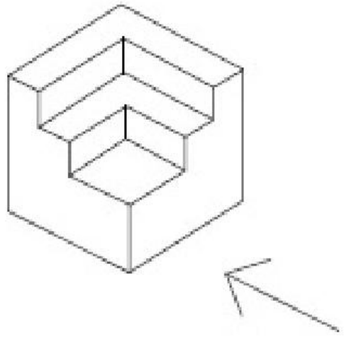
40503637528. 

40503637529. 

Question Number : 51 Question Id : 40503610298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

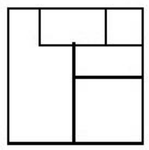
Correct Marks : 4 Wrong Marks : 1

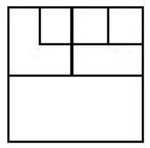
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।

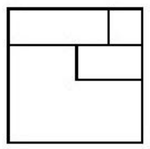


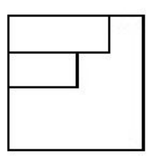
Options :

ZOLLEGE.in

40503637526. 

40503637527. 

40503637528. 

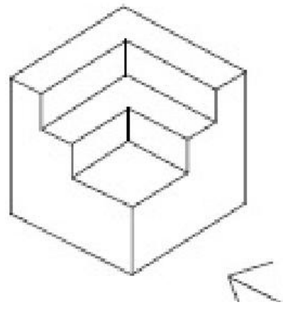


40503637529.

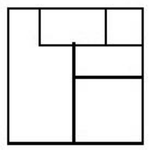
Question Number : 51 Question Id : 40503610298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

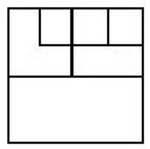
Correct Marks : 4 Wrong Marks : 1

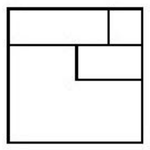
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું દશ્ય જવાબ આકૃતિઓમાંથી શોધો.

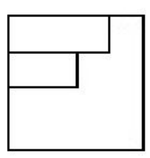


ZOLLEGE.in

40503637526. 

40503637527. 

40503637528. 

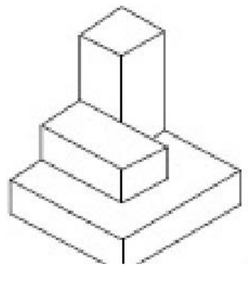


40503637529.

Question Number : 52 Question Id : 40503610299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

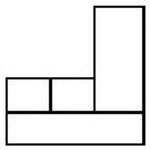
Correct Marks : 4 Wrong Marks : 1

The 3 – D figure shows the view of an object. Identify the correct view in the direction of the arrow, from amongst the answer figures.

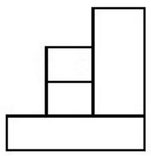


ZOLLEGE.in

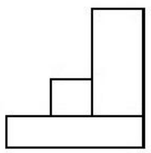
Options :



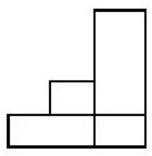
40503637530.



40503637531.



40503637532.



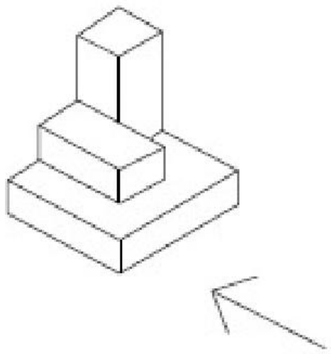
40503637533.

Question Number : 52 Question Id : 40503610299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

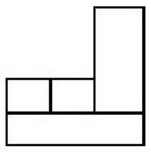
Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

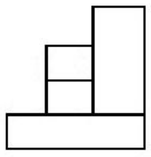
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।



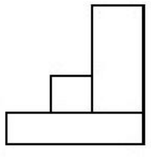
Options :



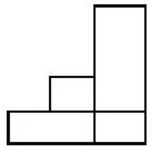
40503637530.



40503637531.



40503637532.



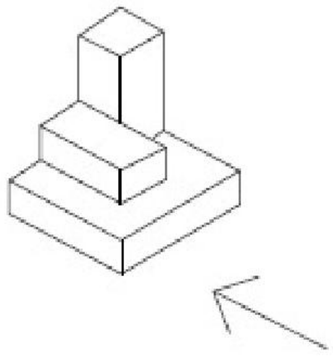
40503637533.

ZOLLEGE.in

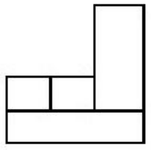
Question Number : 52 Question Id : 40503610299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

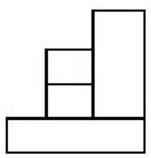
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું દશ્ય જવાબ આકૃતિઓમાંથી શોધો.



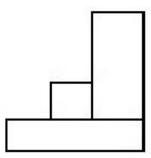
Options :



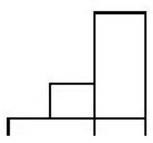
40503637530.



40503637531.



40503637532.

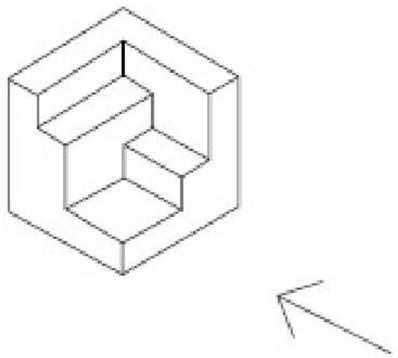


ZOLLEGE.in

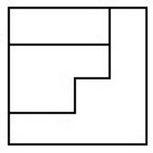
Question Number : 53 Question Id : 40503610300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

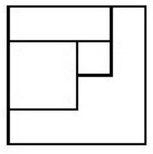
Correct Marks : 4 Wrong Marks : 1

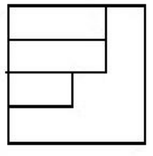
The 3 – D figure shows the view of an object. Identify the correct view in the direction of the arrow, from amongst the answer figures.

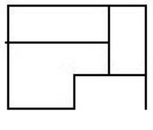


Options :

40503637534. 

40503637535. 

40503637536. 

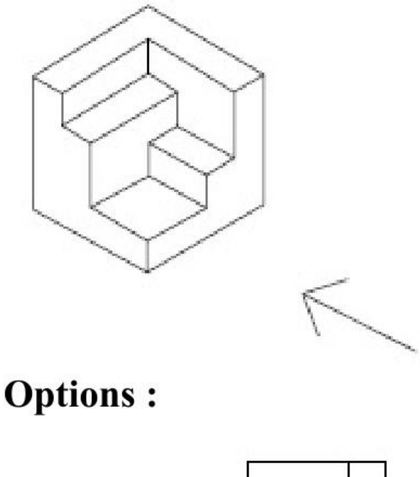


ZOLLEGE.in

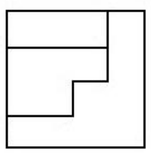
Question Number : 53 Question Id : 40503610300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

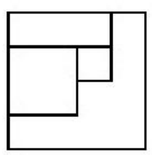
Correct Marks : 4 Wrong Marks : 1

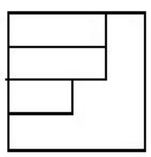
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।

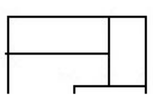


Options :

40503637534. 

40503637535. 

40503637536. 

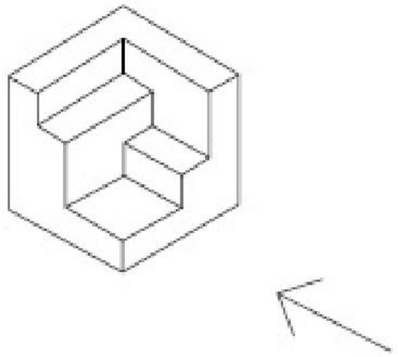


ZOLLEGE.in

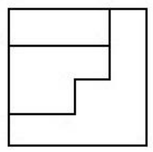
Question Number : 53 Question Id : 40503610300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

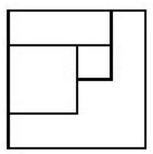
Correct Marks : 4 Wrong Marks : 1

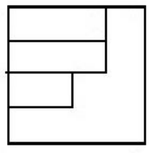
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું દશ્ય જવાબ આકૃતિઓમાંથી શોધો.

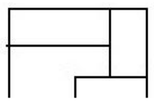


Options :

40503637534. 

40503637535. 

40503637536. 

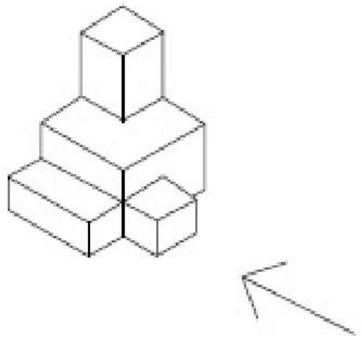


ZOLLEGE.in

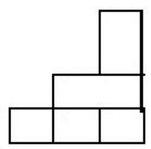
Question Number : 54 Question Id : 40503610301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

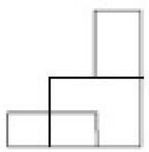
Correct Marks : 4 Wrong Marks : 1

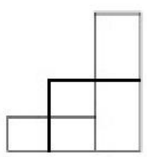
The 3 – D figure shows the view of an object. Identify the correct view in the direction of the arrow, from amongst the answer figures.



Options :

40503637538. 

40503637539. 

40503637540. 

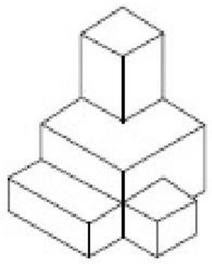


ZOLLEGE.in

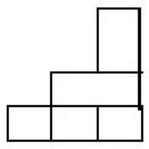
Question Number : 54 Question Id : 40503610301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

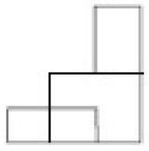
Correct Marks : 4 Wrong Marks : 1

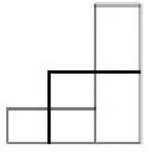
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।



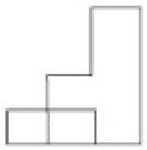
Options :

40503637538. 

40503637539. 

40503637540. 

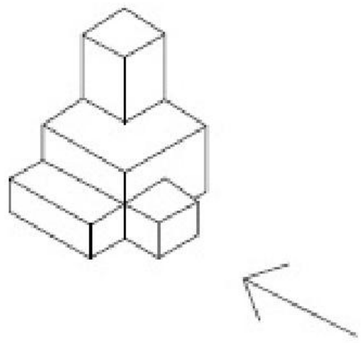
ZOLLEGE.in

40503637541. 

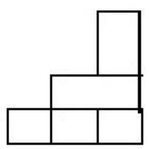
Question Number : 54 Question Id : 40503610301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

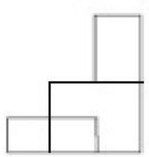
Correct Marks : 4 Wrong Marks : 1

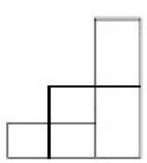
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું દશ્ય જવાબ આકૃતિઓમાંથી શોધો.



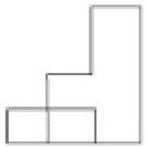
Options :

40503637538. 

40503637539. 

40503637540 

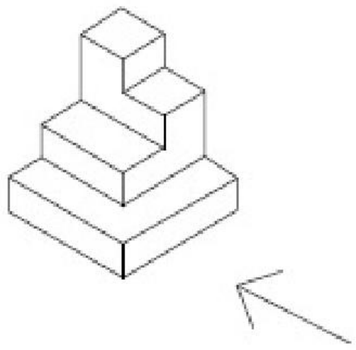
ZOLLEGE.in

40503637541. 

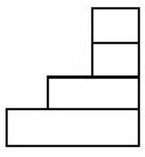
Question Number : 55 Question Id : 40503610302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

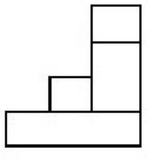
Correct Marks : 4 Wrong Marks : 1

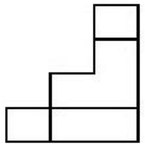
The 3 – D figure shows the view of an object. Identify the correct view in the direction of the arrow, from amongst the answer figures.



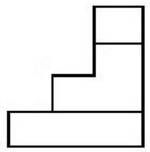
Options :

40503637542. 

40503637543. 

40503637544. 

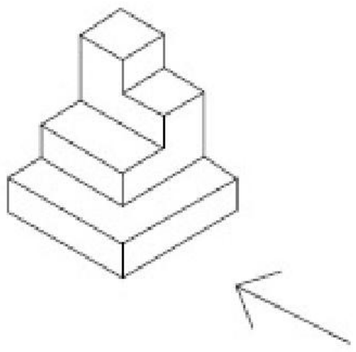
ZOLLEGE.in

40503637545. 

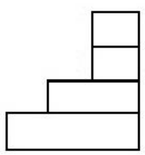
Question Number : 55 Question Id : 40503610302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

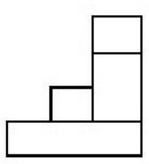
Correct Marks : 4 Wrong Marks : 1

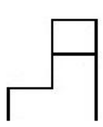
3 – D प्रश्न आकृति में एक वस्तु के एक दृश्य को दिखाया गया है। तीर की दिशा में देखते हुए, इसके सम्मुख दृश्य को उत्तर आकृतियों में से पहचानिये।



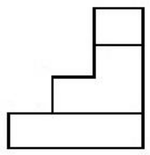
Options :

40503637542. 

40503637543. 



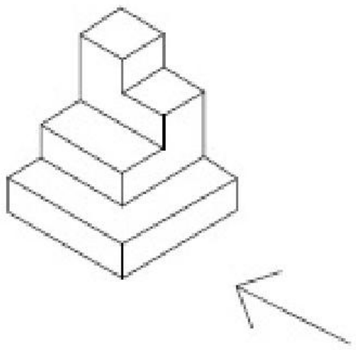
ZOLLEGE.in

40503637545. 

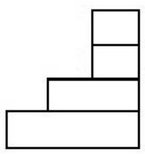
Question Number : 55 Question Id : 40503610302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

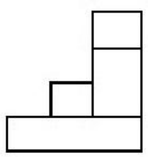
Correct Marks : 4 Wrong Marks : 1

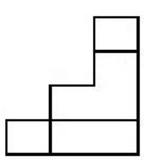
3 - D પ્રશ્ન આકૃતિ એક વસ્તુનું દશ્ય બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું દશ્ય જવાબ આકૃતિઓમાંથી શોધો.



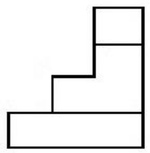
Options :

40503637542. 

40503637543. 

40503637544. 

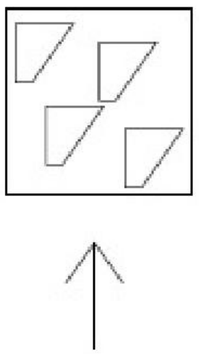
ZOLLEGE.in

40503637545. 

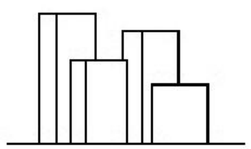
Question Number : 56 Question Id : 40503610303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

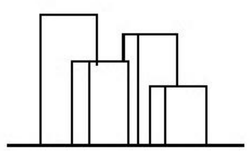
The problem figure shows the top view of objects. Looking in the direction of the arrow, identify the correct elevation, from amongst the answer figures.



Options :

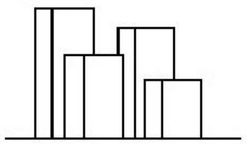


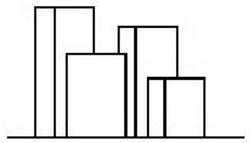
40503637546.



40503637547.

ZOLLEGE.in

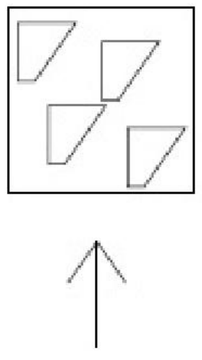
40503637548. 

40503637549. 

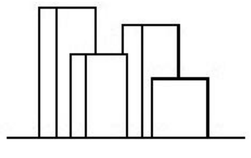
Question Number : 56 Question Id : 40503610303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

प्रश्न आकृति में वस्तुओं का ऊपरी दृश्य दिखाया गया है। तीर की सिह में देखते हुए उत्तर आकृतियों में से सही सम्मुख दृश्य पहचानिये।

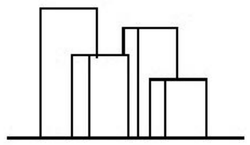


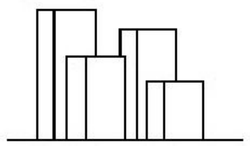
Options :

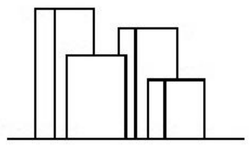


40503637546.

ZOLLEGE.in

40503637547. 

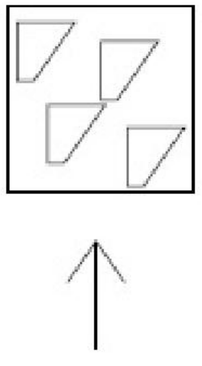
40503637548. 

40503637549. 

Question Number : 56 Question Id : 40503610303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

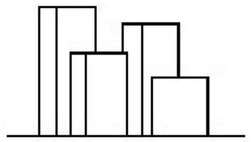
Correct Marks : 4 Wrong Marks : 1

પ્રશ્ન આકૃતિ કોઈક વસ્તુઓનું ઉપરી દશ્ય (top view) બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું ઉન્નત દશ્ય (elevation), જવાબ આકૃતિઓમાંથી શોધો.

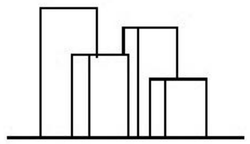


Options :

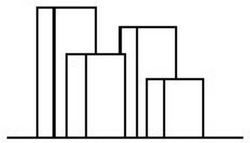
ZOLLEGE.in



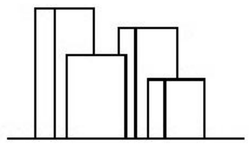
40503637546.



40503637547.



40503637548.

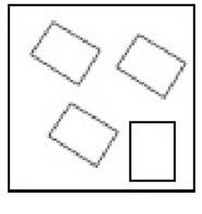


40503637549.

Question Number : 57 Question Id : 40503610304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

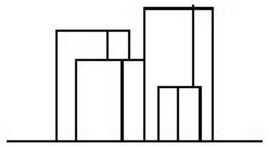
The problem figure shows the top view of objects. Looking in the direction of the arrow, identify the correct elevation, from amongst the answer figures.

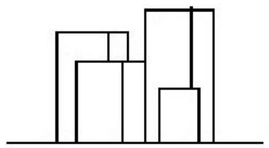


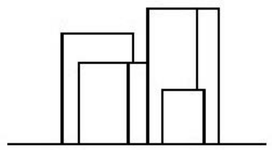
*

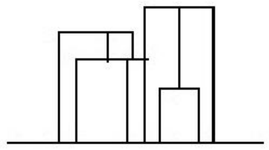
ZOLLEGE.in

Options :

40503637550. 

40503637551. 

40503637552. 

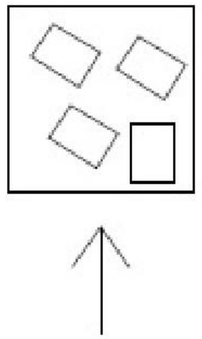
40503637553. 

Question Number : 57 Question Id : 40503610304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

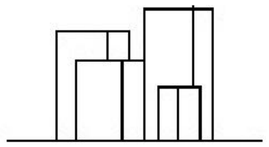
Correct Marks : 4 Wrong Marks : 1

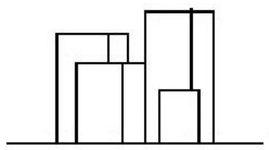
ZOLLEGE.in

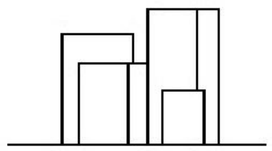
प्रश्न आकृति में वस्तुओं का ऊपरी दृश्य दिखाया गया है। तीर की सिह में देखते हुए उत्तर आकृतियों में से सही सम्मुख दृश्य पहचानिये।

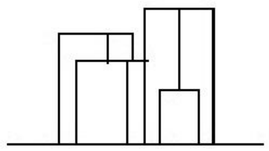


Options :

40503637550. 

40503637551. 

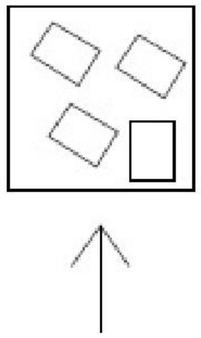
40503637552. 

40503637553. 

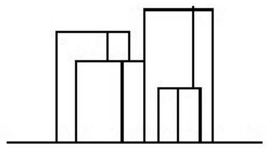
ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

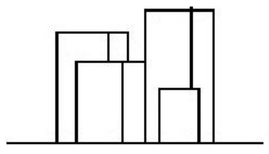
પ્રશ્ન આકૃતિ કોઈક વસ્તુઓનું ઉપરી દશ્ય (top view) બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું ઉન્નત દશ્ય (elevation), જવાબ આકૃતિઓમાંથી શોધો.



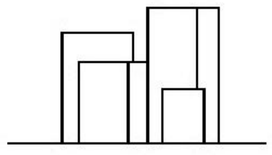
Options :



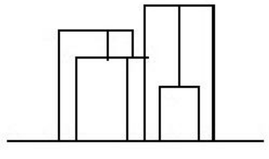
40503637550.



40503637551.



40503637552.



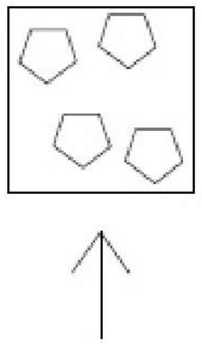
40503637553.

ZOLLEGE.in

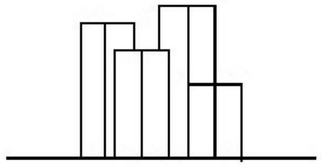
Question Number : 58 Question Id : 40503610305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

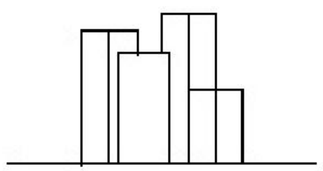
Correct Marks : 4 Wrong Marks : 1

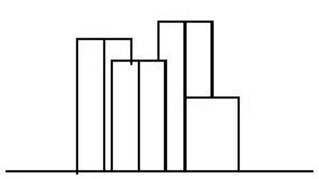
The problem figure shows the top view of objects. Looking in the direction of the arrow, identify the correct elevation, from amongst the answer figures.



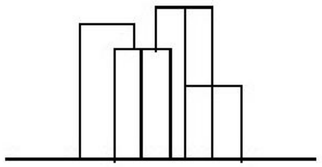
Options :

40503637554. 

40503637555. 

40503637556. 

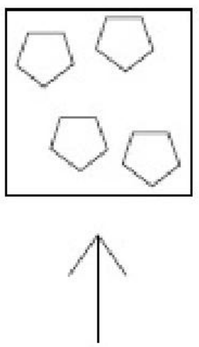
ZOLLEGE.in

40503637557. 

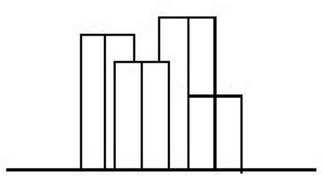
Question Number : 58 Question Id : 40503610305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

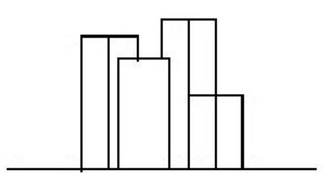
Correct Marks : 4 Wrong Marks : 1

प्रश्न आकृति में वस्तुओं का ऊपरी दृश्य दिखाया गया है। तीर की सिह में देखते हुए उत्तर आकृतियों में से सही सम्मुख दृश्य पहचानिये।

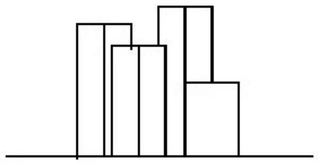


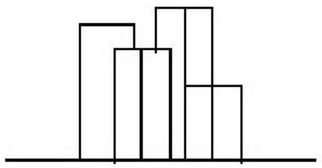
Options :

40503637554. 

40503637555. 

ZOLLEGE.in

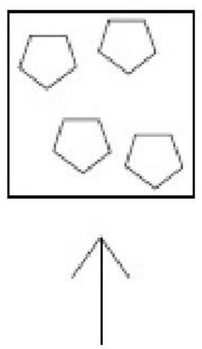
40503637556. 

40503637557. 

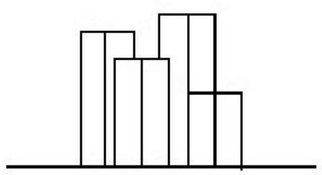
Question Number : 58 Question Id : 40503610305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

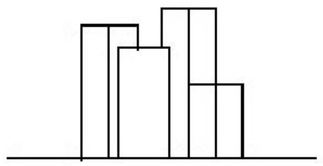
પ્રશ્ન આકૃતિ કોઈક વસ્તુઓનું ઉપરી દશ્ય (top view) બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું ઉન્નત દશ્ય (elevation), જવાબ આકૃતિઓમાંથી શોધો.

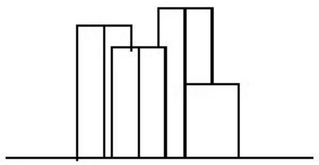


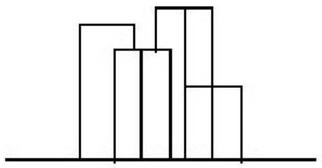
Options :

40503637554. 

ZOLLEGE.in

40503637555. 

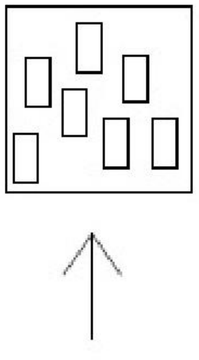
40503637556. 

40503637557. 

Question Number : 59 Question Id : 40503610306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

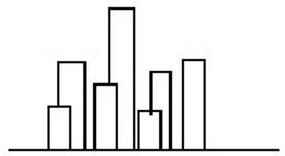
The problem figure shows the top view of objects. Looking in the direction of the arrow, identify the correct elevation, from amongst the answer figures.

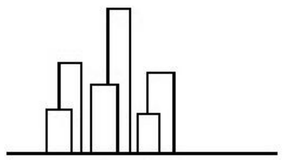


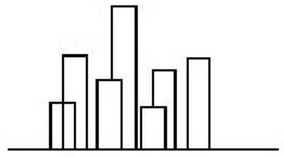
Options :

ZOLLEGE.in

40503637558. 

40503637559. 

40503637560. 

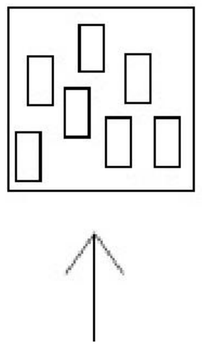
40503637561. 

Question Number : 59 Question Id : 40503610306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

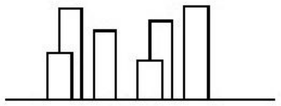
Correct Marks : 4 Wrong Marks : 1

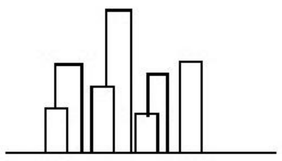
ZOLLEGE.in

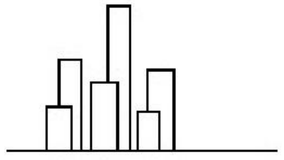
प्रश्न आकृति में वस्तुओं का ऊपरी दृश्य दिखाया गया है। तीर की सिह में देखते हुए उत्तर आकृतियों में से सही सम्मुख दृश्य पहचानिये।

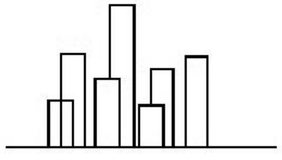


Options :

40503637558. 

40503637559. 

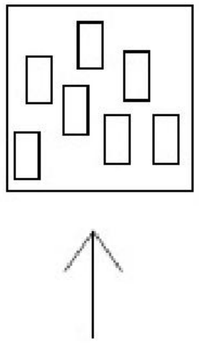
40503637560. 

40503637561. 

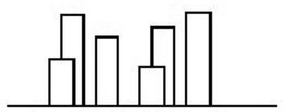
ZOLLEGE.in

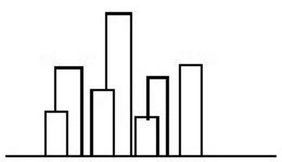
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

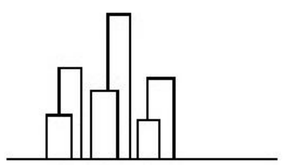
પ્રશ્ન આકૃતિ કોઈક વસ્તુઓનું ઉપરી દશ્ય (top view) બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું ઉન્નત દશ્ય (elevation), જવાબ આકૃતિઓમાંથી શોધો.

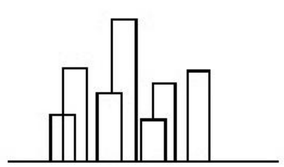


Options :

40503637558. 

40503637559. 

40503637560. 

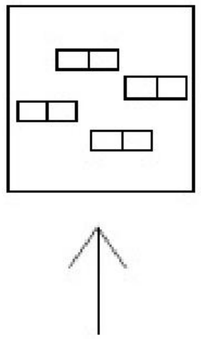


ZOLLEGE.in

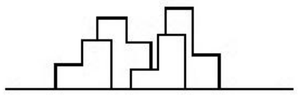
Question Number : 60 Question Id : 40503610307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

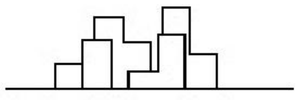
Correct Marks : 4 Wrong Marks : 1

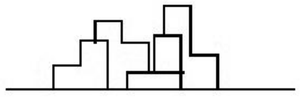
The problem figure shows the top view of objects. Looking in the direction of the arrow, identify the correct elevation, from amongst the answer figures.

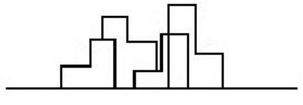


Options :

40503637562. 

40503637563. 

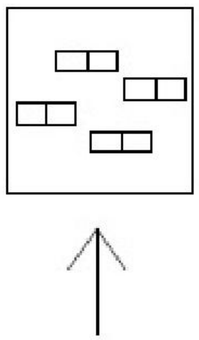
40503637564. 

40503637565. 

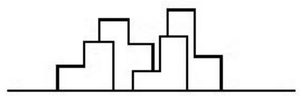
ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

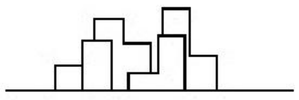
प्रश्न आकृति में वस्तुओं का ऊपरी दृश्य दिखाया गया है। तीर की सिह में देखते हुए उत्तर आकृतियों में से सही सम्मुख दृश्य पहचानिये।



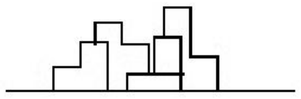
Options :



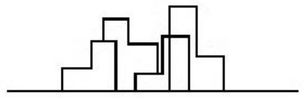
40503637562.



40503637563.



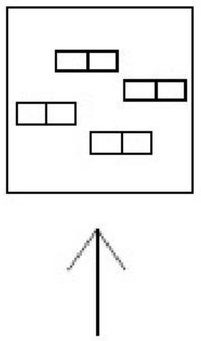
40503637564.



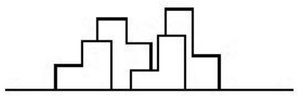
40503637565.

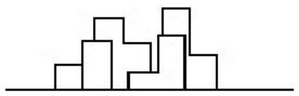
Question Number : 60 Question Id : 40503610307 Question Type : MCQ Option Shuffling : Yes Displ

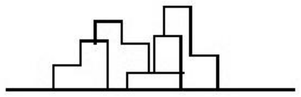
પ્રશ્ન આકૃતિ કોઈક વસ્તુઓનું ઉપરી દશ્ય (top view) બતાવે છે. તીરની દિશામાં જોતાં, આનું સાચું ઉન્નત દશ્ય (elevation), જવાબ આકૃતિઓમાંથી શોધો.

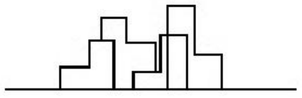


Options :

40503637562. 

40503637563. 

40503637564. 

40503637565. 

Question Number : 61 Question Id : 40503610308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Options :

40503637566. Residence of Prime Minister of Germany

40503637567. Residence of Prime Minister of France

40503637568. Residence of Prime Minister of Spain

40503637569. Residence of President of USA

Question Number : 61 Question Id : 40503610308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

व्हाइट हाउस निम्नलिखित में से कौन सा है?

Options :

40503637566. जर्मनी के प्रधानमंत्री का निवास

40503637567. फ्रांस के प्रधानमंत्री का निवास

40503637568. स्पेन के प्रधानमंत्री का निवास

40503637569. संयुक्त राज्य अमेरिका के राष्ट्रपति का निवास

Question Number : 61 Question Id : 40503610308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

ZOLLEGE.in

વ્હાઈટ હાઉસ નીચેનામાંથી શું છે?

Options :

40503637566. જર્મની ના પ્રધાનમાંત્રીનું નિવાસસ્થાન

40503637567. ફ્રાંસના પ્રધાનમંત્રીનું નિવાસસ્થાન

40503637568. સ્પેનના પ્રધાનમંત્રીનું નિવાસસ્થાન

40503637569. USA ના રાષ્ટ્રપતિનું નિવાસસ્થાન

Question Number : 62 Question Id : 40503610309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In the Northern Hemisphere the summer sun rises from which one of the following directions ?

Options :

40503637570. North East

40503637571. North West

40503637572. South East

40503637573. South West

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

उत्तरी गोलार्ध में गर्मियों में सूरज निम्न दिशाओं में से
किस एक दिशा से उगता है?

Options :

40503637570. उत्तर पूर्व

40503637571. उत्तर पश्चिम

40503637572. दक्षिण पूर्व

40503637573. दक्षिण पश्चिम

Question Number : 62 Question Id : 40503610309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

ઉત્તરી ગોલાર્ધમાં ઉનાળનો સૂર્ય નીચેની દિશાઓમાંથી કઈ
દિશામાં ઊગે છે?

Options :

40503637570. ઉત્તર પૂર્વ

40503637571. ઉત્તર પશ્ચિમ

40503637572. દક્ષિણ પૂર્વ

ZOLLEGE.in

Question Number : 63 Question Id : 40503610310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In which of the following States is the Golden Temple located ?

Options :

40503637574. Haryana

40503637575. Punjab

40503637576. Assam

40503637577. Nagaland

Question Number : 63 Question Id : 40503610310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन से प्रदेश में स्वर्ण मंदिर स्थित है?

Options :

40503637574. हरियाणा

40503637575. पंजाब

ZOLLEGE.in

40503637577. नागालैंड

Question Number : 63 Question Id : 40503610310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

સુંવર્ણમંદિર (Golden Temple) નીચેનામાંના કયા રાજ્યમાં આવેલું છે?

Options :

40503637574. હરિયાણા

40503637575. પંજાબ

40503637576. આસામ

40503637577. નાગાલેંડ

Question Number : 64 Question Id : 40503610311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

What is the thickness of a one and a half brick thick wall ?

Options :

40503637578. 9″

40503637579. 12″

ZOLLEGE.in

40503637581. 13.5″

Question Number : 64 Question Id : 40503610311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

डेढ़ ईंट की मोटी दीवार की मोटाई कितनी होती है?

Options :

40503637578. 9″

40503637579. 12″

40503637580. 18″

40503637581. 13.5″

Question Number : 64 Question Id : 40503610311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

દોઢ ઈંટ જાડી દિવાલની જાડાઈ કેટલી હોય?

Options :

40503637578. 9″

40503637579. 12″

40503637580. 18″

ZOLLEGE.in

Question Number : 65 Question Id : 40503610312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one amongst the following supports the masonry above doors and windows ?

Options :

40503637582. Foundation

40503637583. Lintel

40503637584. Slab

40503637585. Wooden frame

Question Number : 65 Question Id : 40503610312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा दरवाजे और खिड़कियों के ऊपर चिनाई का समर्थन करता है?

Options :

40503637582. नींव

40503637583. लिंटल

ZOLLEGE.in

40503637585. लकड़ी का फ्रेम

Question Number : 65 Question Id : 40503610312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

દરવાજા અને બારીઓના ઉપરના ભાગના ચણતરને
નીચેનામાંથી શું ટેકો આપે છે?

Options :

40503637582. પાયો (Foundation)

40503637583. લિન્ટલ (Lintel)

40503637584. સ્લેબ (Slab)

40503637585. લાકડાની ફ્રેમ (Wooden frame)

Question Number : 66 Question Id : 40503610313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Leaning Tower in Italy is located in
which one of the following cities ?

Options :

40503637586. Florence

ZOLLEGE.in

40503637588. Pisa

40503637589. Rome

Question Number : 66 Question Id : 40503610313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

इटली का लीनिंग टावर निम्न में से किस शहर में स्थित है?

Options :

40503637586. फ्लोरेंस

40503637587. वेनिस

40503637588. पिसा

40503637589. रोम

Question Number : 66 Question Id : 40503610313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

ઈટલીમાં આવેલો ઢળતો મિનારો નીચેનામાંના કયા શહેરમાં આવેલો છે?

Options :

40503637586. ફ્લોરેન્સ

ZOLLEGE.in

40503637587. વેનિસ

40503637588. પીસા

40503637589. રોમ

Question Number : 67 Question Id : 40503610314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the garden of the following is a terraced garden in Srinagar ?

Options :

40503637590. Nishat

40503637591. Vrindaban

40503637592. Buddha

40503637593. Nehru

Question Number : 67 Question Id : 40503610314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा बहुस्तरों वाला एक बगीचा श्रीनगर में स्थित है?

Options :

ZOLLEGE.in

40503637591. वृंदाबन

40503637592. बुद्ध

40503637593. नेहरू

Question Number : 67 Question Id : 40503610314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

નીચેનામાંથી કયો એક બગીચો શ્રીનગર સ્થિત અગાસી બગીચો (terraced garden) છે?

Options :

40503637590. નિશાત

40503637591. વૃંદાવન

40503637592. બુદ્ધ

40503637593. નેહરૂ

Question Number : 68 Question Id : 40503610315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

What amongst the following is the name

ZOLLEGE.in

40503637594. Falaknuma

40503637595. Salarjung

40503637596. Gandhi

40503637597. Nizam

Question Number : 68 Question Id : 40503610315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा हैदराबाद के प्रसिद्ध संग्रहालय का नाम है?

Options :

40503637594. फलाकनुमा

40503637595. सलारजंग

40503637596. गांधी

40503637597. निजाम

Question Number : 68 Question Id : 40503610315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Options :

40503637594. ફ્લાઇનુમા

40503637595. સલારજંગ

40503637596. ગાંધી

40503637597. નિઝામ

Question Number : 69 Question Id : 40503610316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the color is made when blue and yellow are mixed ?

Options :

40503637598. Violet

40503637599. Orange

40503637600. Green

40503637601. White

Question Number : 69 Question Id : 40503610316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Options :

40503637598. बैंगनी

40503637599. नारंगी

40503637600. हरा

40503637601. सफ़ेद

Question Number : 69 Question Id : 40503610316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

વાદળી અને પીળો રંગ મેળવી ક્યો રંગ બનાવવામાં આવે છે?

Options :

40503637598. જાંબુડિયો

40503637599. નારંગી

40503637600. લીલો

40503637601. સફેદ

Question Number : 70 Question Id : 40503610317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Which one of the following color suggests love and romance ?

Options :

40503637602. Blue

40503637603. Green

40503637604. Pink

40503637605. Brown

Question Number : 70 Question Id : 40503610317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्न रंग में से कौन सा एक प्यार और रोमांस पता चलता है ?

Options :

40503637602. नीला

40503637603. हरा

40503637604. गुलाबी

40503637605. भूरा

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

નીચેનામાંનો કયો રંગ પ્રેમ અને રોમાંચ (romance) સૂચવે છે?

Options :

40503637602. વાદળી

40503637603. લીલો

40503637604. ગુલાબી

40503637605. તપખીરિયો

Question Number : 71 Question Id : 40503610318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following suggests the texture of the skin of the elderly persons ?

Options :

40503637606. Glossy

40503637607. Wrinkled

40503637608. Smooth

40503637609. Soft

ZOLLEGE.in

Question Number : 71 Question Id : 40503610318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन सा बुजुर्ग व्यक्तियों की त्वचा की बनावट का सुझाव देता है?

Options :

40503637606. चमकदार

40503637607. झुर्रीदार

40503637608. चिकना

40503637609. नरम

Question Number : 71 Question Id : 40503610318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

નીચેના ટેક્સ્ચરો (texture) માંથી પ્રૌઢ વયના વ્યક્તિયોની ચામડીનું ટેક્સ્ચર કયું છે?

Options :

40503637606. ચમકદાર

40503637607. કરચલીવાળું

40503637608. લીસું

ZOLLEGE.in

Question Number : 72 Question Id : 40503610319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is fixed to drain water from a sloping roof ?

Options :

40503637610. Ridge

40503637611. Eave

40503637612. J. Bolt

40503637613. Gutter

Question Number : 72 Question Id : 40503610319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन-सा एक जल को छत से निकालने के लिए नियत किया गया है?

Options :

40503637610. रिज

40503637611. एव

40503637612. जे. बोल्ट

ZOLLEGE.in

40503637613. ગટર

Question Number : 72 Question Id : 40503610319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ઢળતી છત પરથી પાણીના નિકાલ માટે નીચેનામાંથી શું બેસાડવામાં આવે છે?

Options :

40503637610. મોભ (Ridge)

40503637611. નેવ (Eave)

40503637612. જે. બોલ્ટ (J. Bolt)

40503637613. ગટર (Gutter)

Question Number : 73 Question Id : 40503610320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is ideal flooring for a cinema hall ?

Options :

40503637614. Granite

40503637615. Brick

ZOLLEGE.in

40503637616. Marble

40503637617. Carpet

Question Number : 73 Question Id : 40503610320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा सिनेमा हॉल के लिए आदर्श फर्श है?

Options :

40503637614. ग्रेनाइट

40503637615. ईंट

40503637616. संगमरमर

40503637617. कालीन

Question Number : 73 Question Id : 40503610320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

સિનેમા હોલ માટે નીચેનામાંથી ક્યું ભોંયતળિયા (flooring) માટે આદર્શ છે?

Options :

40503637614. ગ્રેનાઈટ

ZOLLEGE.in

40503637615. ઈંટ

40503637616. આરસપહાણ (માર્બલ)

40503637617. ગાલીઓ

Question Number : 74 Question Id : 40503610321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Who among the following is the architect of the Punjab Haryana High Court Building?

Options :

40503637618. Maxwell Fry

40503637619. Le Corbusier

40503637620. Louis Kahn

40503637621. Geoffrey Bawa

Question Number : 74 Question Id : 40503610321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

पंजाब हरियाणा उच्च न्यायालय भवन का वास्तुकार

ZOLLEGE.in

40503637618. मैक्सवेल फ्राई

40503637619. ले कोर्बुसीर

40503637620. लूइस काह्न

40503637621. जेफ्री बावा

Question Number : 74 Question Id : 40503610321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

પંજાબ હરિયાણા ઉચ્ચ ન્યાયાલય ભવન ના વાસ્તુકાર (સ્થપતિ) નીચેનામાંથી કોણ છે?

Options :

40503637618. મેક્સવેલ ફ્રાય

40503637619. લે કોર્બુસીર

40503637620. લુઈસ કાહન

40503637621. જેફ્રી બાવા

Question Number : 75 Question Id : 40503610322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

ZOLLEGE.in

Which one among the following is used for water conservation ?

Options :

40503637622. Water drainage

40503637623. Water evaporation

40503637624. Water harvesting

40503637625. Water flowing

Question Number : 75 Question Id : 40503610322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

जल संरक्षण के लिए निम्नलिखित में से कौन सा प्रयोग किया जाता है?

Options :

40503637622. जल निकासी

40503637623. जल वाष्पीकरण

40503637624. जल संचयन

40503637625. जल प्रवाह

ZOLLEGE.in

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

જળ સંરક્ષણ માટે નીચેનામાંથી શાનો ઉપયોગ કરવામાં આવે છે?

Options :

40503637622. જળ નિકાલ (Water drainage)

40503637623. જળ બાષ્પીભવન (Water evaporation)

40503637624. જળ સંચય (Water harvesting)

40503637625. જળ પ્રવાહ (Water flowing)

Drawing

Section Id :	405036372
Section Number :	3
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	2
Number of Questions to be attempted :	2
Section Marks :	100
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	405036718

ZOLLEGE.in

Question Number : 76 Question Id : 40503610323 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 50

In the space provided for the answer of this question, draw an aesthetic composition appropriate to this space using triangles and rectangles. There is no restriction to numbers, sizes, placement and directions of these shapes. Color this composition so that it becomes visually exciting.

Question Number : 76 Question Id : 40503610323 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 50

इस प्रश्न के उत्तर के लिए प्रदान की गई जगह में, त्रिकोणों एवं आयतों का उपयोग करके इस स्थान के लिए उपयुक्त एक सौंदर्य संरचना तैयार करें। इन आकृतियों की संख्या, आकार, प्लेसमेंट और दिशानिर्देशों पर कोई प्रतिबंध नहीं है। इस रचना को रंग दें ताकि यह दृष्टि से रोमांचक हो जाए।

Question Number : 76 Question Id : 40503610323 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 50

આ પ્રશ્નનાં જવાબ માટે આપેલ જગ્યાને અનુરૂપ, ફક્ત ત્રિકોણો અને લંબચોરસોનો ઉપયોગ કરી, એક સુંદર રચના તૈયાર કરો. આ આકારોની સંખ્યા, કદ, ગોઠવણી અને દિશાઓ પર કોઈ મર્યાદા નથી. આ રચનામાં રંગ પૂરો કે જેથી તે જોવામાં રોમાંચક લાગે.

ZOLLEGE.in

Correct Marks : 50

Draw from imagination a gardener working in the garden.

OR

Draw from imagination a scene of a place for praying.

OR

Draw from memory your best friends face.

Question Number : 77 Question Id : 40503610324 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 50

बगीचे में काम करते हुए एक माली की कल्पना से एक चित्र बनायें।

अथवा

कल्पना से प्रार्थना के लिए एक जगह का दृश्य बनाएं।

अथवा

स्मृति से अपने सबसे अच्छे दोस्त का चित्र बनायें।

Question Number : 77 Question Id : 40503610324 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 50

ZOLLEGE.in

તમારી કલ્પનાથી બગીચામાં કામ કરતા એક માળીનું ચિત્ર બનાવો.

અથવા

તમારી કલ્પનાથી પ્રાર્થના માટેની એક જગ્યાનું ચિત્ર બનાવો.

અથવા

તમારી સ્મરણશક્તિથી, તમારા સૌથી શ્રેષ્ઠ મિત્રનાં ચેહરાનું ચિત્ર બનાવો.

ZOLLEGE.in