National Testing Agency

Question Paper Name :	B ARCH 9th Sep 2021 Shift 2
Subject Name :	B ARCH
Creation Date :	2021-09-09 20:15:33
Duration :	180
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Display Marks:	Yes

B ARCH

Group Number :	1
Group Id :	67603370
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 A

Section Id :	676033290
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

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Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	676033292
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 6760337650 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The domain of the function

$$f(x)=\frac{\sqrt{2x-1}}{\sqrt{3-4x}\sqrt{4-5x}}\cdot\log_{12}\left(\frac{x+3}{x+5}\right)\text{ is}$$

Options :

67603328071. $\left[\frac{1}{2},\frac{3}{5}\right]$

67603328072. $\left[\frac{1}{2},\frac{4}{5}\right)$

67603328073. $\left(\frac{1}{2},\frac{7}{8}\right)$

67603328074. $\left[\frac{1}{2},\frac{3}{4}\right)$

Question Number : 1 Question Id : 6760337650 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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फलन $f(x)=\frac{\sqrt{2x-1}}{\sqrt{3-4x}\sqrt{4-5x}}\cdot\log_{12}\left(\frac{x+3}{x+5}\right)$ का प्रांत है

Options :

67603328071. $\left[\frac{1}{2},\frac{3}{5}\right]$

67603328072. $\left[\frac{1}{2},\frac{4}{5}\right)$

67603328073. $\left(\frac{1}{2},\frac{7}{8}\right)$

67603328074. $\left[\frac{1}{2},\frac{3}{4}\right)$

Question Number : 1 Question Id : 6760337650 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$f(x)=\frac{\sqrt{2x-1}}{\sqrt{3-4x}\,\sqrt{4-5x}}\cdot\log_{12}\left(\frac{x+3}{x+5}\right)$ تفاعل کا ڈومین (domain) ..... ہے۔

Options :

67603328071. $\left[\frac{1}{2},\frac{3}{5}\right]$

67603328072. $\left[\frac{1}{2},\frac{4}{5}\right)$

67603328073. $\left(\frac{1}{2},\frac{7}{8}\right)$

67603328074.

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$$\left[\frac{1}{2}, \frac{3}{4}\right)$$

Question Number : 2 Question Id : 6760337651 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If $\alpha, \beta \in \mathbb{C}$ are the distinct roots of the equation $x^2 + \left(\sqrt{2}\right)x + 2 = 0$, then $\alpha^{11} + \beta^{11}$ is equal to

Options :

67603328075. 16

67603328076. $-16\sqrt{2}$

67603328077. $32\sqrt{2}$

67603328078. $-32\sqrt{2}$

Question Number : 2 Question Id : 6760337651 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि $\alpha, \beta \in \mathbb{C}$ समीकरण $x^2 + \left(\sqrt{2}\right)x + 2 = 0$ के भिन्न मूल हैं, तो $\alpha^{11} + \beta^{11}$ बराबर है

Options :

67603328075. 16

67603328076. $-16\sqrt{2}$

67603328077. $32\sqrt{2}$

67603328078. $-32\sqrt{2}$

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Question Number : 2 Question Id : 6760337651 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر $\alpha, \beta \in \mathbb{C}$ ، یہ مساوات $x^2 + \left(\sqrt{2}\right)x + 2 = 0$ کے مختلف حدر (distinct roots) ہیں تو

$\alpha^{11} + \beta^{11}$ ..... کے برابر ہے۔

Options :

67603328075. 16

67603328076. $-16\sqrt{2}$

67603328077. $32\sqrt{2}$

67603328078. $-32\sqrt{2}$

Question Number : 3 Question Id : 6760337652 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If $A = \begin{bmatrix} a_1 & a_2 & a_3 \\ a_4 & a_5 & a_6 \\ a_7 & a_8 & a_9 \end{bmatrix}$ where $a_1, a_2, a_3, \ldots$ form a G.P. with common ratio $r > 1$, then the entries in each column of A^5 from a G.P. with common ratio

Options :

67603328079. r

67603328080. r^2

67603328081. r^3

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67603328082. r^5

Question Number : 3 Question Id : 6760337652 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि $A = \begin{bmatrix} a_1 & a_2 & a_3 \\ a_4 & a_5 & a_6 \\ a_7 & a_8 & a_9 \end{bmatrix}$ जहाँ $a_1, a_2, a_3, \ldots\ldots$ G.P. में हैं, जिसका सार्व अनुपात $r > 1$ है, तो A^5 के प्रत्येक स्तंभ के अवयव G.P. में हैं जिसका सार्व अनुपात है

Options :

67603328079. r

67603328080. r^2

67603328081. r^3

67603328082. r^5

Question Number : 3 Question Id : 6760337652 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر $A = \begin{bmatrix} a_1 & a_2 & a_3 \\ a_4 & a_5 & a_6 \\ a_7 & a_8 & a_9 \end{bmatrix}$ جہاں پر $a_1, a_2, a_3 \ldots\ldots\ldots\ldots$ G.P. تیار کرتے ہیں جس کا مشترک تناسب (common ratio) $r > 1$ ہے تب A^5 کے ہر ایک کالم (column) کے ارکان G. P. (entries) تیار کرتے ہیں جس کا مشترک تناسب ..... ہے۔

Options :

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67603328079. r

67603328080. r^2

67603328081. r^3

67603328082. r^5

Question Number : 4 Question Id : 6760337653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If the system of linear equations

$2x+3y-2z=0\,;2x-y+3z=0\,;7x+\lambda y-z=0$ has a non-zero solution (x, y, z), then

$\frac{xz}{y^2}$ is equal to

Options :

67603328083. $\frac{-7}{8}$

67603328084. $\frac{5}{4}$

67603328085. $\frac{-14}{25}$

67603328086. $\frac{5}{16}$

Question Number : 4 Question Id : 6760337653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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यदि रैखिक समीकरण निकाय

$$2x+3y-2z=0\,;2x-y+3z=0\,;7x+\lambda y-z=0$$

का एक शून्येतर हल (x, y, z), है, तो $\frac{xz}{y^2}$ बराबर है

Options :

67603328083. $\frac{-7}{8}$

67603328084. $\frac{5}{4}$

67603328085. $\frac{-14}{25}$

67603328086. $\frac{5}{16}$

Question Number : 4 Question Id : 6760337653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر یک درمی مساوات کا نظام (system of linear equations) $2x+3y-2z=0;\ 2x-y+3z=0;\ 7x+\lambda y-z=0$ کا غیر صفر حل (x, y, z), ہے

تب $\frac{xz}{y^2}$ ..... کے برابر ہے۔

Options :

67603328083. $-\frac{7}{8}$

67603328084. $\frac{5}{4}$

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67603328085. $-\frac{14}{25}$

67603328086. $\frac{5}{16}$

Question Number : 5 Question Id : 6760337654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The value of ${}^{40}C_{31} + \sum_{r=0}^{10} {}^{40+r}C_{10+r}$ is equal to

Options :

67603328087. ${}^{51}C_{20}$

67603328088. ${}^{50}C_{20}$

67603328089. $2\cdot{}^{45}C_{15}$

67603328090. ${}^{50}C_{19}$

Question Number : 5 Question Id : 6760337654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

${}^{40}C_{31} + \sum_{r=0}^{10} {}^{40+r}C_{10+r}$ का मान बराबर है

Options :

67603328087. ${}^{51}C_{20}$

67603328088. ${}^{50}C_{20}$

67603328089. $2\cdot{}^{45}C_{15}$

ZOLLEGE.in

67603328090. ${}^{50}C_{19}$

Question Number : 5 Question Id : 6760337654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$\sum_{r=0}^{10} {}^{40+r}C_{10+r}$ کی قیمت ${}^{40}C_{31} +$ ..... کے برابر ہے۔

Options :

67603328087. ${}^{51}C_{20}$

67603328088. ${}^{50}C_{20}$

67603328089. $2\cdot{}^{45}C_{15}$

67603328090. ${}^{50}C_{19}$

Question Number : 6 Question Id : 6760337655 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If A is the sum of even terms and B that of odd terms in the G.P.

$8,\ 4\sqrt{3},\ 6,\ 3\sqrt{3},\ldots$ having 31 terms, then $\frac{A}{B}$ is equal to

Options :

67603328091. $\frac{2\sqrt{3}\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

67603328092. $\frac{4\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

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67603328093. $\frac{4\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

67603328094. $\frac{2\sqrt{3}\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

Question Number : 6 Question Id : 6760337655 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि G.P.

$8,\ 4\sqrt{3}\ ,6,\ 3\sqrt{3}\ ,\ldots\ ,$ जिसमें 31 पद हैं,

के सम पदों का योग A तथा विषम पदों का योग B है, तो $\frac{A}{B}$ बराबर है

Options :

67603328091. $\frac{2\sqrt{3}\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

67603328092. $\frac{4\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

67603328093. $\frac{4\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

67603328094. $\frac{2\sqrt{3}\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

Question Number : 6 Question Id : 6760337655 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

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Correct Marks : 4 Wrong Marks : 1

G. P. $8, 4\sqrt{3}, 6, 3\sqrt{3}, \ldots\ldots\ldots$ میں کل 31 ارکان (terms) ہیں اس میں A جفت ارکان (even terms) کا مجموعہ ہے اور B طاق (Odd) ارکان کا مجموعہ ہے تب $\frac{A}{B}$ ..... کے برابر ہے۔

Options :

67603328091. $\frac{2\sqrt{3}\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

67603328092. $\frac{4\left(4^{16}-3^{16}\right)}{4^{15}-3^{15}}$

67603328093. $\frac{4\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

67603328094. $\frac{2\sqrt{3}\left(4^{15}-3^{15}\right)}{4^{16}-3^{16}}$

Question Number : 7 Question Id : 6760337656 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Let $g = f^{-1}$ and $f'(x) = \frac{1}{1+x^3}$, $0 < x < 1$. Then $g'(x)$ is equal to

Options :

67603328095. $\left(1+(f(x))^3\right)^{-1}$

67603328096. $\left(1+(g(x))^3\right)^{-1}$

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67603328097. $1+(g(x))^3$

67603328098. $1+(f(x))^3$

Question Number : 7 Question Id : 6760337656 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि $g=f^{-1}$ तथा $f'(x)=\frac{1}{1+x^3}$, 0<x<1 हैं, तो $g'(x)$ बराबर है

Options :

67603328095. $\left(1+(f(x))^3\right)^{-1}$

67603328096. $\left(1+(g(x))^3\right)^{-1}$

67603328097. $1+(g(x))^3$

67603328098. $1+(f(x))^3$

Question Number : 7 Question Id : 6760337656 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

فرض کیجیے $g=f^{-1}$ اور $f'(x)=\frac{1}{1+x^3}$ تب $0<x<1$ ..... کے برابر ہے۔

Options :

67603328095. $\left(1+(f(x))^3\right)^{-1}$

67603328096.

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$\left(1+(g(x))^3\right)^{-1}$

67603328097. $1+(g(x))^3$

67603328098. $1+(f(x))^3$

Question Number : 8 Question Id : 6760337657 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If tangents are drawn from (0, 0) to the curve $y = \cos x$, then the points of contact of the tangents lie on the curve

Options :

67603328099. $x^2 - y^2 = x^2y^2$

67603328100. $x^2 + y^2 = x^2y^2$

67603328101. $y^2 - x^2 = x^2y^2$

67603328102. $\left(1+x^2\right)y^2 = \left(1-y^2\right)x^2$

Question Number : 8 Question Id : 6760337657 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि वक्र $y = \cos x$ पर (0, 0) से स्पर्श रेखाऐं खींची जाती हैं, तो स्पर्श रेखाओं के संपर्क बिंदु निम्न में से किस वक्र पर हैं ?

Options :

67603328099. $x^2 - y^2 = x^2y^2$

67603328100. $x^2 + y^2 = x^2y^2$

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67603328101. $y^2 - x^2 = x^2 y^2$

67603328102. $\left(1+x^2\right)y^2 = \left(1-y^2\right)x^2$

Question Number : 8 Question Id : 6760337657 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر نقط (0, 0) سے منحنی y = cos x (curve) پر مماس (tangents) کھینچے گئے تب مماس کے مس کرنے والے نقاط (points of contact) کس منحنی پر پائے جائینگے۔

Options :

67603328099. $x^2 - y^2 = x^2 y^2$

67603328100. $x^2 + y^2 = x^2 y^2$

67603328101. $y^2 - x^2 = x^2 y^2$

67603328102. $\left(1+x^2\right)y^2 = \left(1-y^2\right)x^2$

Question Number : 9 Question Id : 6760337658 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If one ant is moving along the curve $y = x^2$ and the other stays at the point (0, 1), then the shortest distance between the two ants is

Options :

67603328103. $\sqrt{2}$

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67603328104. $\frac{1}{\sqrt{2}}$

67603328105. 1

67603328106. $\frac{\sqrt{3}}{2}$

Question Number : 9 Question Id : 6760337658 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

दो चींटियों के बीच की न्यूनतम दूरी, जिनमें से एक वक्र $y = x^2$ के साथ साथ चल रही है तथा दूसरी बिंदु $(0, 1)$ पर स्थिर है, है

Options :

67603328103. $\sqrt{2}$

67603328104. $\frac{1}{\sqrt{2}}$

67603328105. 1

67603328106. $\frac{\sqrt{3}}{2}$

Question Number : 9 Question Id : 6760337658 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر ایک چیونٹی (Ant) منحنی (Curve) $y = x^2$ کی طرف حرکت کرتی ہے اور دوسری نقطہ $(0, 1)$ پر رکتی ہے تو دو چیونٹیوں کے درمیان کا مختصر فاصلہ (shortest distance) ..... ہے۔

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Options :

67603328103. $\sqrt{2}$

67603328104. $\frac{1}{\sqrt{2}}$

67603328105. 1

67603328106. $\frac{\sqrt{3}}{2}$

Question Number : 10 Question Id : 6760337659 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The integral $\int \frac{-4\sin x + 5\sin(2x)}{6\sin x - 5\sin(2x)}\,dx$ is equal to

(where C is a constant of integration)

Options :

67603328107. $-x + \frac{1}{2}\log_e \left| \frac{2\sin\frac{x}{2} - \cos\frac{x}{2}}{2\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

67603328108. $-x + \frac{1}{2}\log_e \left| \frac{\sin\frac{x}{2} - \cos\frac{x}{2}}{\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

67603328109. $-x + \frac{1}{4}\log_e \left| \frac{2\sin\frac{x}{2} - \cos\frac{x}{2}}{2\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

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67603328110. $-x+\frac{1}{4}\log_e\left|\frac{\sin\frac{x}{2}-\cos\frac{x}{2}}{\sin\frac{x}{2}+\cos\frac{x}{2}}\right|+C$

Question Number : 10 Question Id : 6760337659 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

समाकलन $\int\frac{-4\sin x+5\sin(2x)}{6\sin x-5\sin(2x)}dx$ बराबर है

(जहाँ C एक समाकलन अचर है)

Options :

67603328107. $-x+\frac{1}{2}\log_e\left|\frac{2\sin\frac{x}{2}-\cos\frac{x}{2}}{2\sin\frac{x}{2}+\cos\frac{x}{2}}\right|+C$

67603328108. $-x+\frac{1}{2}\log_e\left|\frac{\sin\frac{x}{2}-\cos\frac{x}{2}}{\sin\frac{x}{2}+\cos\frac{x}{2}}\right|+C$

67603328109. $-x+\frac{1}{4}\log_e\left|\frac{2\sin\frac{x}{2}-\cos\frac{x}{2}}{2\sin\frac{x}{2}+\cos\frac{x}{2}}\right|+C$

67603328110. $-x+\frac{1}{4}\log_e\left|\frac{\sin\frac{x}{2}-\cos\frac{x}{2}}{\sin\frac{x}{2}+\cos\frac{x}{2}}\right|+C$

Question Number : 10 Question Id : 6760337659 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

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Correct Marks : 4 Wrong Marks : 1

تکمیل (integral) $\int \frac{-4\sin x + 5\sin(2x)}{6\sin x - 5\sin(2x)}\,dx$ ..... کے برابر ہے۔

(جہاں پر C تکمیلی مستقل (constant of integration) ہے۔)

Options :

67603328107. $-x + \frac{1}{2}\log_e \left| \frac{2\sin\frac{x}{2} - \cos\frac{x}{2}}{2\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

67603328108. $-x + \frac{1}{2}\log_e \left| \frac{\sin\frac{x}{2} - \cos\frac{x}{2}}{\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

67603328109. $-x + \frac{1}{4}\log_e \left| \frac{2\sin\frac{x}{2} - \cos\frac{x}{2}}{2\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

67603328110. $-x + \frac{1}{4}\log_e \left| \frac{\sin\frac{x}{2} - \cos\frac{x}{2}}{\sin\frac{x}{2} + \cos\frac{x}{2}} \right| + C$

Question Number : 11 Question Id : 6760337660 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The value of $\frac{\int_0^1 \left(1-x^3\right)^4 dx}{\int_0^1 \left(1-x^3\right)^3 dx}$ is

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Options :

67603328111. $\frac{20}{21}$

67603328112. $\frac{21}{20}$

67603328113. $\frac{12}{13}$

67603328114. $\frac{13}{12}$

Question Number : 11 Question Id : 6760337660 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$\frac{\int_0^1 \left(1-x^3\right)^4 dx}{\int_0^1 \left(1-x^3\right)^3 dx}$ का मान है

Options :

67603328111. $\frac{20}{21}$

67603328112. $\frac{21}{20}$

67603328113. $\frac{12}{13}$

67603328114. $\frac{13}{12}$

Question Number : 11 Question Id : 6760337660 Question Type : MCQ Option Shuffling : Yes Is

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Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$\frac{\int_0^1 (1-x^3)^4\,dx}{\int_0^1 (1-x^3)^3\,dx}$ کی قیمت ..... ہے۔

Options :

67603328111. $\frac{20}{21}$

67603328112. $\frac{21}{20}$

67603328113. $\frac{12}{13}$

67603328114. $\frac{13}{12}$

Question Number : 12 Question Id : 6760337661 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The solution of the differential equation,

$\frac{dy}{dx} = \frac{\sqrt{1-y^2}}{y}$ which satisfies $y(0) = 1$, is

Options :

67603328115. $x - \sqrt{1-y^2} = 0$

67603328116. $x + \sqrt{1-y^2} = 0$

67603328117. $y - \sqrt{1-x^2} = 0$

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67603328118. $2x-\sqrt{1-y^2}=0$

Question Number : 12 Question Id : 6760337661 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

अवकल समीकरण

$$\frac{dy}{dx}=\frac{\sqrt{1-y^2}}{y}$$

का हल जिसके लिए $y(0)=1$ है, है

Options :

67603328115. $x-\sqrt{1-y^2}=0$

67603328116. $x+\sqrt{1-y^2}=0$

67603328117. $y-\sqrt{1-x^2}=0$

67603328118. $2x-\sqrt{1-y^2}=0$

Question Number : 12 Question Id : 6760337661 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

تفریقی مساوات (differential equation) $\frac{dy}{dx}=\frac{\sqrt{1-y^2}}{y}$ کا حل ..... ہے تو $y(0)=1$ کو مطمئن (satisfies) کرتا ہے۔

Options :

67603328115. $x-\sqrt{1-y^2}=0$

ZOLLEGE.in

67603328116. $x+\sqrt{1-y^2}=0$

67603328117. $y-\sqrt{1-x^2}=0$

67603328118. $2x-\sqrt{1-y^2}=0$

Question Number : 13 Question Id : 6760337662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If two vertices of a ΔABC are A(1, 1) and B(2, 3) and its area is 3 sq. units, then the locus of the third vertex of such triangles which lie above the line AB, is

Options :

67603328119. $2x-y+5=0$

67603328120. $2x+y-5=0$

67603328121. $2x-y-7=0$

67603328122. $2x-y+7=0$

Question Number : 13 Question Id : 6760337662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि एक ΔABC के दो शीर्ष A(1, 1) तथा B(2, 3) हैं तथा इसका क्षेत्रफल 3 वर्ग इकाई है, तो ऐसे त्रिभुजों, जो रेखा AB के ऊपर हैं, के तीसरे शीर्ष का बिंदुपथ है

Options :

67603328119. $2x-y+5=0$

ZOLLEGE.in

67603328120. $2x + y - 5 = 0$

67603328121. $2x - y - 7 = 0$

67603328122. $2x - y + 7 = 0$

Question Number : 13 Question Id : 6760337662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر مثلث ΔABC میں A (1, 1) اور B (2, 3) دو راس (vertices) ہیں اور اس کا رقبہ 3 مربع اکائی ہے۔ تب مثلث کے تیسرے راس (third vertex) میں سے گذرنے والے اور خط AB کے اوپری جانب (lie above) واقع locus کی مساوات ..... ہے۔

Options :

67603328119. $2x - y + 5 = 0$

67603328120. $2x + y - 5 = 0$

67603328121. $2x - y - 7 = 0$

67603328122. $2x - y + 7 = 0$

Question Number : 14 Question Id : 6760337663 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The distance of the point (7, 1) from the focus of the parabola $x^2 - 8x + 16y = 0$ is

Options :

67603328123. 4

ZOLLEGE.in

67603328124. 5

67603328125. 6

67603328126. 8

Question Number : 14 Question Id : 6760337663 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

परवलय $x^2 - 8x + 16y = 0$ की नाभि से बिन्दु $(7, 1)$ की दूरी है

Options :

67603328123. 4

67603328124. 5

67603328125. 6

67603328126. 8

Question Number : 14 Question Id : 6760337663 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

تلحمی $x^2 - 8x + 16y = 0$ (parabola) کے ماسکہ (focus) سے نقطہ $(7, 1)$ کا فاصلہ ..... ہے۔

Options :

67603328123. 4

ZOLLEGE.in

67603328124. 5

67603328125. 6

67603328126. 8

Question Number : 15 Question Id : 6760337664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If the line $\alpha x + \beta y = 1$ touches the ellipse $a^2x^2 + b^2y^2 = 1$, then the locus of the point $\left(\frac{\alpha}{2}, \frac{\beta}{2}\right)$ is

Options :

67603328127. $\frac{x^2}{a^2} + \frac{y^2}{b^2} = \frac{1}{2}$

67603328128. $\frac{x^2}{a^2} + \frac{y^2}{b^2} = \frac{1}{4}$

67603328129. $\frac{x^2}{a^2} - \frac{y^2}{b^2} = \frac{1}{2}$

67603328130. $a^2x^2 + b^2y^2 = \frac{1}{4}$

Question Number : 15 Question Id : 6760337664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

यदि रेखा $\alpha x + \beta y = 1$ दीर्घवृत्त $a^2x^2 + b^2y^2 = 1$ को स्पर्श करती है, तो बिंदु $\left(\frac{\alpha}{2}, \frac{\beta}{2}\right)$ का बिंदुपथ है

Options :

ZOLLEGE.in

67603328127. $\frac{x^2}{a^2}+\frac{y^2}{b^2}=\frac{1}{2}$

67603328128. $\frac{x^2}{a^2}+\frac{y^2}{b^2}=\frac{1}{4}$

67603328129. $\frac{x^2}{a^2}-\frac{y^2}{b^2}=\frac{1}{2}$

67603328130. $a^2x^2+b^2y^2=\frac{1}{4}$

Question Number : 15 Question Id : 6760337664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر خط $\alpha x+\beta y=1$ بیضوی (ellipse) $a^2x^2+b^2y^2=1$ کو مس (touch) کرتا ہے تو نقطہ $\left(\frac{\alpha}{2},\frac{\beta}{2}\right)$ کے locus کی مساوات ..... ہے۔

Options :

67603328127. $\frac{x^2}{a^2}+\frac{y^2}{b^2}=\frac{1}{2}$

67603328128. $\frac{x^2}{a^2}+\frac{y^2}{b^2}=\frac{1}{4}$

67603328129. $\frac{x^2}{a^2}-\frac{y^2}{b^2}=\frac{1}{2}$

67603328130. $a^2x^2+b^2y^2=\frac{1}{4}$

ZOLLEGE.in

Question Number : 16 Question Id : 6760337665 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The image of the point $(-1, 0, 0)$ in the plane, $x - y + z + 3 = 0$ lies on the plane

Options :

67603328131. $3x - 3y - 3z + 7 = 0$

67603328132. $3x - 3y - 3z + 4 = 0$

67603328133. $6x - 3y - 3z + 7 = 0$

67603328134. $6x + 3y - 3z + 4 = 0$

Question Number : 16 Question Id : 6760337665 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

समतल $x - y + z + 3 = 0$ में बिंदु $(-1, 0, 0)$ का प्रतिबिम्ब निम्न में से किस समतल पर है?

Options :

67603328131. $3x - 3y - 3z + 7 = 0$

67603328132. $3x - 3y - 3z + 4 = 0$

67603328133. $6x - 3y - 3z + 7 = 0$

67603328134. $6x + 3y - 3z + 4 = 0$

Question Number : 16 Question Id : 6760337665 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

نقطہ $(-1,\ 0,\ 0)$ کا عکس (image) مستوی $x-y+z+3=0$ میں ہے اور اس طرح مستوی میں شامل ہے۔.....

Options :

67603328131. $3x-3y-3z+7=0$

67603328132. $3x-3y-3z+4=0$

67603328133. $6x-3y-3z+7=0$

67603328134. $6x+3y-3z+4=0$

Question Number : 17 Question Id : 6760337666 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Let $x_1, x_2, \ldots, x_n$ be n observations and let $w_i = lx_i + k$ $(i = 1, 2, \ldots, n)$, where k and l $(l > 0)$ are some constants. If the ordered pairs (mean, standard deviation) of x_i's and w_i's are (48, 12) and (55, 15) respectively, then $\frac{k}{l}$ equals

Options :

67603328135. -4

67603328136. -2

67603328137. $\frac{3}{2}$

67603328138. $\frac{4}{3}$

Question Number : 17 Question Id : 6760337666 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

माना n प्रेक्षण $x_1, x_2, \ldots\ldots, x_n$ हैं तथा माना $w_i = lx_i + k\ (i = 1, 2, \ldots\ldots, n)$, जहाँ k तथा $l\ (l > 0)$ कोई अचर हैं। यदि x_i's तथा w_i's के माध्य तथा मानक विचलन के क्रमित युग्म क्रमशः (48, 12) तथा (55, 15) हैं, तो $\frac{k}{l}$ बराबर है

Options :

67603328135. -4

67603328136. -2

67603328137. $\frac{3}{2}$

67603328138. $\frac{4}{3}$

Question Number : 17 Question Id : 6760337666 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

فرض کیجیے $x_1, x_2, \ldots\ldots, x_n$ ، n مشاہدہ ہیں اور فرض کیجیے $w_i = lx_i + k\ (i = 1, 2, \ldots\ldots, n)$ جہاں پر k اور $l(l > 0)$ کچھ مستقل ہیں اگر x_i's اور w_i's کی ترتیب (ordered pairs) (معیاری انحراف، اوسط) (mean, standard deviation) بالترتیب (48, 12) اور (55, 15) ہیں، تب $\frac{k}{l}$ ..... کے برابر ہے۔

Options :

67603328135. -4

67603328136. -2

67603328137.

ZOLLEGE.in

$\frac{3}{2}$

67603328138. $\frac{4}{3}$

Question Number : 18 Question Id : 6760337667 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If x, y and z are the lengths of the perpendiculars drawn from circumcentre of a Δ ABC to its sides BC, CA and AB respectively and $\frac{a}{x}=\alpha, \frac{b}{y}=\beta, \frac{c}{z}=\gamma$, where a, b and c are the lengths of the sides BC, CA and AB respectively ; then $\frac{3\alpha\beta\gamma}{\alpha+\beta+\gamma}$ is equal to

Options :

67603328139. 3

67603328140. 6

67603328141. 12

67603328142. 18

Question Number : 18 Question Id : 6760337667 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

यदि एक ΔABC के परिकेन्द्र से इसकी भुजाओं BC, CA तथा AB पर डाले गए लम्बों की लम्बाइयाँ क्रमशः x, y तथा z हैं, तथा $\frac{a}{x}=\alpha, \frac{b}{y}=\beta$, तथा $\frac{c}{z}=\gamma$ हैं, जहाँ भुजाओं BC, CA तथा AB की लम्बाइयाँ क्रमशः a, b तथा c हैं, तो $\frac{3\alpha\beta\gamma}{\alpha+\beta+\gamma}$ बराबर है

Options :

67603328139. 3

67603328140. 6

67603328141. 12

67603328142. 18

Question Number : 18 Question Id : 6760337667 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

اگر x, y, z بالترتیب عمود (perpendiculars) کی لمبائی ہیں جو کہ ΔABC کے circumcentre سے اس کے اضلاع BC, CA اور AB پر کھینچے گئے ہیں اور جہاں پر $\frac{a}{x}=\alpha, \frac{b}{y}=\beta, \frac{c}{z}=\gamma$ اضلاع BC, CA اور AB کی بالترتیب لمبائی a, b اور c ہیں۔ تب $\frac{3\alpha\beta\gamma}{\alpha+\beta+\gamma}$ ..... کے برابر ہے۔

Options :

67603328140. 6

67603328141. 12

67603328142. 18

ZOLLEGE.in

Question Number : 19 Question Id : 6760337668 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Let $f(x)=\sin\left[\cot^{-1}\left\{\cos\left(\tan^{-1}x\right)\right\}\right]$ be a function defined on the real line. Then the value of $f\left(\frac{\pi}{e}\right)$ is

Options :

67603328143. $\frac{\pi^2-e^2}{\pi^2+2e^2}$

67603328144. $\sqrt{\frac{\pi^2+e^2}{\pi^2+2e^2}}$

67603328145. $\sqrt{\frac{\pi^2-e^2}{2\pi^2-e^2}}$

67603328146. $\frac{\pi^2e^2}{\pi^2+2e^2}$

Question Number : 19 Question Id : 6760337668 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

माना वास्तलिक रेखा पर परिभाषित फलन $f(x)=\sin\left[\cot^{-1}\left\{\cos\left(\tan^{-1}x\right)\right\}\right]$ है। तो $f\left(\frac{\pi}{e}\right)$ का मान है

Options :

67603328143. $\frac{\pi^2-e^2}{\pi^2+2e^2}$

ZOLLEGE.in

67603328144. $\sqrt{\frac{\pi^2+e^2}{\pi^2+2e^2}}$

67603328145. $\sqrt{\frac{\pi^2-e^2}{2\pi^2-e^2}}$

67603328146. $\frac{\pi^2e^2}{\pi^2+2e^2}$

Question Number : 19 Question Id : 6760337668 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

فرض کیجیے تفاعل $f(x)=\sin\left[\cot^{-1}\left\{\cos\left(\tan^{-1}x\right)\right\}\right]$ یہ حقیقی خط (real line) پر تعریف شدہ ہے۔

تب $f\left(\frac{\pi}{e}\right)$ کی قیمت ..... ہے۔

Options :

67603328143. $\frac{\pi^2-e^2}{\pi^2+2e^2}$

67603328144. $\sqrt{\frac{\pi^2+e^2}{\pi^2+2e^2}}$

67603328145. $\sqrt{\frac{\pi^2-e^2}{2\pi^2-e^2}}$

67603328146. $\frac{\pi^2e^2}{\pi^2+2e^2}$

ZOLLEGE.in

Question Number : 20 Question Id : 6760337669 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The Boolean expression $(\sim p \vee q) \wedge (p \vee \sim q)$ is equivalent to

Options :

67603328147. $p \Rightarrow q$

67603328148. $q \Rightarrow p$

67603328149. $(p \Rightarrow q) \vee (q \Rightarrow p)$

67603328150. $(p \Rightarrow q) \wedge (q \Rightarrow p)$

Question Number : 20 Question Id : 6760337669 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

बूलीय व्यंजक $(\sim p \vee q) \wedge (p \vee \sim q)$ निम्न में से किस के तुल्य है?

Options :

67603328147. $p \Rightarrow q$

67603328148. $q \Rightarrow p$

67603328149. $(p \Rightarrow q) \vee (q \Rightarrow p)$

67603328150. $(p \Rightarrow q) \wedge (q \Rightarrow p)$

Question Number : 20 Question Id : 6760337669 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

بولین بیان (Boolean expression) $(\sim p \vee q) \wedge (p \vee \sim q)$ کا مساوی (equivalent) ہے۔

.....

Options :

67603328147. $p \Rightarrow q$

67603328148. $q \Rightarrow p$

67603328149. $(p \Rightarrow q) \vee (q \Rightarrow p)$

67603328150. $(p \Rightarrow q) \wedge (q \Rightarrow p)$

Mathematics Section B

Section Id :	676033291
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	5
Section Marks :	20
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	676033293
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 6760337670 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

The total number of solutions $\{(x, y) : x, y \in \mathbb{R}\}$, for which the complex numbers $3 + ix^2y$ and $x^2 - y - 4i$ are conjugate of each other, is _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 21 Question Id : 6760337670 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

ऐसे हलों $\{(x, y) : x, y \in \mathbb{R}\}$, जिनके लिए सम्मिश्र संख्याएँ $3 + ix^2y$ तथा $x^2 - y - 4i$ एक दूसरे की संयुग्मी हैं, की कुल संख्या है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 21 Question Id : 6760337670 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

$\{(x, y) : x, y \in \mathbb{R}\}$ کی کل حل کی تعداد (total no. of solutions) ..... ہے جس کے لئے ملتف اعداد (complex numbers) $3 + ix^2y$ اور $x^2 - y - 4i$ ایک دوسرے کے کونجیگیٹ (conjugate) ہیں۔

Response Type : Numeric

Evaluation Required For SA : Yes

ZOLLEGE.in

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 22 Question Id : 6760337671 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

If $\begin{vmatrix} x-3 & 4x & 4x \\ 4x & x-3 & 4x \\ 4x & 4x & x-3 \end{vmatrix} = 3(Ax - B)\,(Ax + 3B)^2$, then $(A + B)\,(A - B)$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 22 Question Id : 6760337671 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

यदि $\begin{vmatrix} x-3 & 4x & 4x \\ 4x & x-3 & 4x \\ 4x & 4x & x-3 \end{vmatrix} = 3(Ax - B)\,(Ax + 3B)^2$ है, तो $(A + B)\,(A - B)$ बराबर है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

ZOLLEGE.in

Possible Answers :

100

Question Number : 22 Question Id : 6760337671 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

$\begin{vmatrix} x-3 & 4x & 4x \\ 4x & x-3 & 4x \\ 4x & 4x & x-3 \end{vmatrix} = 3(Ax-B)(Ax+3B)^2$ اگر

$(A+B)(A-B)$ تو ..... کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 23 Question Id : 6760337672 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

If A and B are respectively the coefficients of x^{14} and $\frac{1}{x^{16}}$ in the expansion of $\left(2x-\frac{1}{2x}\right)^{20}$ and $AB = k\,2^m$; where k is an odd integer, then m is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

ZOLLEGE.in

Question Number : 23 Question Id : 6760337672 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

यदि $\left(2x-\frac{1}{2x}\right)^{20}$ के प्रसार में x^{14} तथा $\frac{1}{x^{16}}$ के गुणांक क्रमशः A तथा B और $AB = k\,2^m$ है, जहाँ k एक विषम पूर्णांक है, तो m बराबर है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 23 Question Id : 6760337672 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

اگر توسیع $\left(2x-\frac{1}{2x}\right)^{20}$ میں x^{14} اور $\frac{1}{x^{16}}$ کے مرتب (coefficients) بالترتیب A اور B ہیں اور $AB = k2^m$ جہاں پر k طاق صحیح عدد ہے تب m ..... کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 24 Question Id : 6760337673 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

The sum of the remainders when $S = 3 + 6 + 12 + \ldots + 3 \cdot 2^{19}$ is divided by 3, 4, 5 and 6 is _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 24 Question Id : 6760337673 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

$S = 3 + 6 + 12 + \ldots + 3 \cdot 2^{19}$ को 3, 4, 5 तथा 6 से विभाजित करने पर आये शेषफलों का योग है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 24 Question Id : 6760337673 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

باقی کا مجموعہ (sum of the remainders) ..... ہے جبکہ

$S = 3 + 6 + 12 + \ldots\ldots\ldots + 3.2^{19}$ کو 3, 4, 5 اور 6 سے تقسیم کیا گیا ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

ZOLLEGE.in

Text Areas : PlainText

Possible Answers :

100

Question Number : 25 Question Id : 6760337674 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

If for a real function f, $f(1)=3$ and $f'(1)=1$, then $\lim\limits_{x\to 1}\dfrac{3e^{(x-1)}-f(x)}{(x-1)}$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 25 Question Id : 6760337674 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

यदि एक वास्तविक फलन f के लिए $f(1)=3$ तथा $f'(1)=1$ हैं, तो

$\lim\limits_{x\to 1}\dfrac{3e^{(x-1)}-f(x)}{(x-1)}$ बराबर है_____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

ZOLLEGE.in

Question Number : 25 Question Id : 6760337674 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

अगर हकीकी तफाअल f (real function) के लिए $f(1)=3$ और $f'(1)=1$ तब

$\lim_{x\to 1}\frac{3e^{(x-1)}-f(x)}{(x-1)}$ ..... के बराबर है।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 26 Question Id : 6760337675 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

If the area of the region bounded by the curves, $y = 1 + \frac{1}{2}\,|\,2x - a\,|$, $x = -3$, $x = 3$, $y = 0$, where $a \in (-3, 3)$, is 16 square units, then a^2 is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 26 Question Id : 6760337675 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

यदि $y = 1 + \frac{1}{2}\,|\,2x - a\,|$, $x = -3$, $x = 3$ तथा $y = 0$, जहाँ $a \in (-3, 3)$, द्वारा घिरे क्षेत्र का क्षेत्रफल 16 वर्ग इकाई है, तो a^2 बराबर है _____.

ZOLLEGE.in

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 26 Question Id : 6760337675 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

منحنی (curves) $y=1+\frac{1}{2}|2x-a|, x=-3, x=3, y=0$ کے ذریعے گھرے ہوئے (region bounded) کا رقبہ 16 مربع اکائی ہے جہاں پر $a\in(-3,3)$ تب a^2 .....

کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 27 Question Id : 6760337676 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

If PA and PB are the tangents to the circle, $x^2+y^2=13$, drawn from a point $P\left(\frac{13}{5}, \frac{13}{5}\right)$ and A and B are the points of contact, then $(AB)^6$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

ZOLLEGE.in

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 27 Question Id : 6760337676 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

यदि बिंदु $P\left(\frac{13}{5}, \frac{13}{5}\right)$ से वृत्त $x^2+y^2=13$, पर खींची गई स्पर्श रेखाऐं PA तथा PB हैं तथा A और B संपर्क बिंदु हैं, तो $(AB)^6$ बराबर है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 27 Question Id : 6760337676 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

اگر نقطہ $P\left(\frac{13}{5}, \frac{13}{5}\right)$ سے دائرہ $x^2+y^2=13$ پر دو عمود (tangents) PA اور PB کھینچے گئے ہیں جہاں A اور B نقاط اتصال (points of contact) ہیں تب $(AB)^6$ ..... کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

ZOLLEGE.in

Possible Answers :

100

Question Number : 28 Question Id : 6760337677 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

The distance of the point of intersection of the lines $\frac{x}{-1}=\frac{y-1}{-1}=\frac{z}{1}$ and $\frac{x}{1}=\frac{y}{2}=\frac{z-1}{-2}$ from the plane $2x-y+2z=7$ is _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 28 Question Id : 6760337677 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

समतल $2x-y+2z=7$ से रेखाओं $\frac{x}{-1}=\frac{y-1}{-1}=\frac{z}{1}$ तथा $\frac{x}{1}=\frac{y}{2}=\frac{z-1}{-2}$ के प्रतिच्छेदन बिंदु की दूरी है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 28 Question Id : 6760337677 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

ZOLLEGE.in

खंडों $\frac{x}{1}=\frac{y}{2}=\frac{z-1}{-2}$ और $\frac{x}{-1}=\frac{y-1}{-1}=\frac{z}{1}$ के प्रतिच्छेद बिंदु (point of intersection) का समतल (plane) $2x-y+2z=7$ से दूरी ..... है।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 29 Question Id : 6760337678 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

Let $\vec{a}=2\hat{i}-7\hat{j}-9\hat{k}$, $\vec{b}=3\hat{i}+8\hat{j}+10\hat{k}$, $\vec{c}=t\hat{i}+\hat{j}+\hat{k}$. If a vector $\vec{p}$ is perpendicular to both $\vec{a}$ and $\vec{b}$, $\vec{p}\cdot\vec{c}=20$, $\vec{p}\cdot\left(\hat{i}-\hat{j}-\hat{k}\right)=12$, then '$t$' is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 29 Question Id : 6760337678 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

माना $\vec{a}=2\hat{i}-7\hat{j}-9\hat{k}$, $\vec{b}=3\hat{i}+8\hat{j}+10\hat{k}$ तथा $\vec{c}=t\hat{i}+\hat{j}+\hat{k}$ हैं। यदि एक सदिश $\vec{p}$, $\vec{a}$ तथा $\vec{b}$ दोनों पर लम्ब है, $\vec{p}\cdot\vec{c}=20$ है तथा $\vec{p}\cdot\left(\hat{i}-\hat{j}-\hat{k}\right)=12$ है, तो 't' बराबर है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

ZOLLEGE.in

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 29 Question Id : 6760337678 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

فرض کیجیے $\vec{a}=2\hat{i}-7\hat{j}-9\hat{k}, \vec{b}=3\hat{i}+8\hat{j}+10\hat{k}, \vec{c}=t\hat{i}+\hat{j}+\hat{k}$ ہیں اگر ایک سمتیہ (vector) $\vec{p}$، $\vec{a}$ اور $\vec{b}$ دونوں پر عمود ہے، $\vec{p}\cdot\vec{c}=20$، $\vec{p}\cdot\left(\hat{i}-\hat{j}-\hat{k}\right)=12$ تب t ..... کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 30 Question Id : 6760337679 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

Let $S = \{a \in \mathbb{N} \mid \text{there exists } \lambda, \mu \in \mathbb{Z} \text{ such that } \lambda a^2 + \mu a + 6\lambda = 1\}$. If p is the probability that a randomly selected 2-digit number is an element of S, then $48p$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

ZOLLEGE.in

Possible Answers :

100

Question Number : 30 Question Id : 6760337679 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

माना $S=\{a\in\mathbb{N}|\ \lambda,\mu\in\mathbb{Z}$ का अस्तित्व है, जिनके $\lambda a^2+\mu a+6\lambda=1$ है $\}$। यदि एक यादृच्छिकतः चुनी गई 2-अकों की संख्या के S के एक अवयव होने की प्रायिकता p है, तो $48p$ बराबर है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

Question Number : 30 Question Id : 6760337679 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

فرض کیجیے $S=\{a\in\mathbb{N}|\text{there exists }\lambda,\mu\in\mathbb{Z}\text{such that }\lambda a^2+\mu a+6\lambda=1\}$

اگر S میں سے بغیر سوچے سمجھے 2 اعداد کا ایک ہندسہ جو کہ خود S کا ایک عنصر ہو، کے منتخب کرنے کی احتمال P (probability) ہے۔ تب 48 p ..... کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

100

ZOLLEGE.in

Aptitude Test

Section Id :	676033292
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	676033294
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 6760337680 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which temple complex is famous for its musical pillars ?

Options :

67603328161. Meenakshi Temple

67603328162. Brihadeshwara Temple

67603328163. Hampi

67603328164. Rameshwaram

Question Number : 31 Question Id : 6760337680 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन सा मंदिर परिसर संगीतमय पिलर्स के लिए प्रसिद्ध है ?

Options :

67603328161. मीनाक्षी मंदिर

67603328162. बृहदेश्वर मंदिर

67603328163. हम्पी

67603328164. रामेश्वरम्

Question Number : 31 Question Id : 6760337680 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

کونسا مندرِ مرکب اپنے موسیقی کھمبس کیلئے مشہور ہے

Options :

67603328161. مناکچھی مندر

67603328162. بریہادیشور مندر

67603328163. ہمپی

67603328164. رامیشورم

Question Number : 32 Question Id : 6760337681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

Which of the following material is most suitable for parking areas ?

Options :

67603328165. Concrete

67603328166. Wood

67603328167. Marble

67603328168. Kota stone

Question Number : 32 Question Id : 6760337681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन सा सामान पार्किंग क्षेत्र के लिए सबसे अधिक उपयुक्त है ?

Options :

67603328165. कांक्रिट

67603328166. लकड़ी

67603328167. मार्बल

67603328168. कोटा स्टोन

Question Number : 32 Question Id : 6760337681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے کونسی چیز گاڑیوں کی پارکنگ بنانے کے لیے سب سے زیادہ مناسب ہے؟

Options :

67603328165. کنکریٹ

ZOLLEGE.in

67603328166. लकड़ी

67603328167. सँग मरमर

67603328168. कोटा पत्थर

Question Number : 33 Question Id : 6760337682 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who is known as 'Queen of Curves' in Architecture ?

Options :

67603328169. Jeanne Garg

67603328170. Jane Drew

67603328171. Jullia Morgan

67603328172. Zaha Hadid

Question Number : 33 Question Id : 6760337682 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से किसे 'कर्व की रानी' के रूप में जाना जाता है ?

Options :

67603328169. जीन गॅरो

67603328170. जेन ड्रियू

ZOLLEGE.in

67603328171. जूलिया मोर्गन

67603328172. ज़ाहा हादीद

Question Number : 33 Question Id : 6760337682 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے کون ''کوین آف کروس'' کے نام سے مشہور ہے ؟

Options :

67603328169. جیتی گرگ

67603328170. جین ڈریو

67603328171. جولیہ مورگن

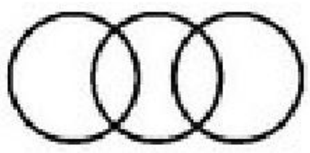
67603328172. زھا حدید

Question Number : 34 Question Id : 6760337683 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

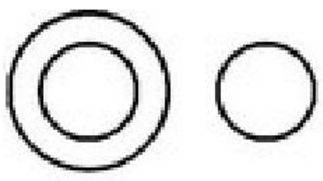
Correct Marks : 4 Wrong Marks : 1

Which of the following Venn diagram correctly illustrates the relationship among the class : Cement, Structure, Concrete ?

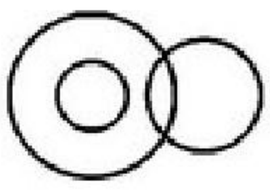
Options :

67603328173. 

ZOLLEGE.in

67603328174. 

67603328175. 

67603328176. 

Question Number : 34 Question Id : 6760337683 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

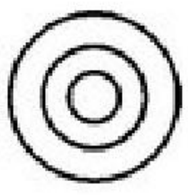
Correct Marks : 4 Wrong Marks : 1

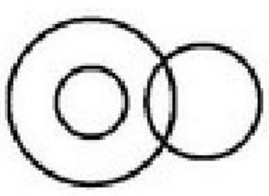
निम्न में से कौन सा वेन आरेख वर्ग सीमेन्ट, निर्माण, बजरी के बीच सम्बंध को सही रूप में दर्शाता है ?

Options :

67603328173. 

67603328174. 

67603328175. 

67603328176. 

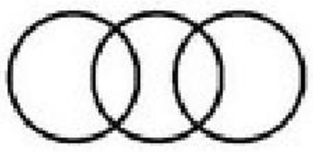
Question Number : 34 Question Id : 6760337683 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

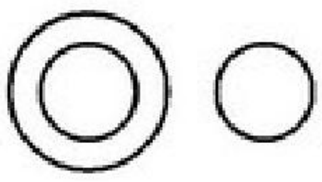
Correct Marks : 4 Wrong Marks : 1

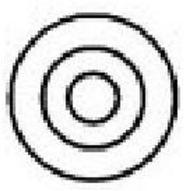
ZOLLEGE.in

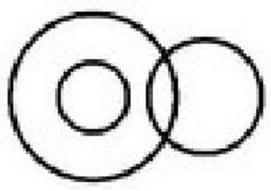
نیچے دیے گئے خاکوں میں سے کونسا سمنٹ، کنکریٹ اور عمارتی بناوٹ کے صحیح رشتہ کو دکھاتا ہے ؟

Options :

67603328173. 

67603328174. 

67603328175. 

67603328176. 

Question Number : 35 Question Id : 6760337684 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Rings in a tree trunk represents -

Options :

67603328177. Defects

67603328178. Age

67603328179. Strength

67603328180. Weakness

Question Number : 35 Question Id : 6760337684 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

एक पेड़ के तने में रिंग किस को दर्शाता है ?

Options :

67603328177. त्रुटियाँ

67603328178. आयु

67603328179. ताकत

67603328180. कमजोरी

Question Number : 35 Question Id : 6760337684 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

درخت کے تنہ میں بنے ہوئے چھلّے کس چیز کی نمائندگی کرتے ہیں ؟

Options :

67603328177. خرابی

67603328178. عمر

67603328179. طاقت

67603328180. کمزوری

Question Number : 36 Question Id : 6760337685 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Saint Gobin in Indian Market is known for which of the following product ?

ZOLLEGE.in

Options :

67603328181. Wooden doors

67603328182. Glass

67603328183. Modular kitchens

67603328184. Wire cut bricks

Question Number : 36 Question Id : 6760337685 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

भारतीय बाजार में 'सेंट गोबेन' निम्न में से किस वस्तु के लिए जाने जाते हैं ?

Options :

67603328181. लकडी के दरवाजे

67603328182. काँच

67603328183. मोडुलर किचन

67603328184. वायर कट ईंट

Question Number : 36 Question Id : 6760337685 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

''سینٹ گوبن'' ہندوستانی بازار میں کس چیز کے لئے مشہور ہے؟

Options :

67603328181. لکڑی کا دروازہ

ZOLLEGE.in

67603328182. شیشہ

67603328183. موڈیولر کچن

67603328184. وائرکٹ بریکس (اینٹ)

Question Number : 37 Question Id : 6760337686 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Indian parliament building was designed by which Architect ?

Options :

67603328185. Herbert Baker

67603328186. B. V. Doshi

67603328187. Raj Rewal

67603328188. Sanjay Puri

Question Number : 37 Question Id : 6760337686 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

भारतीय संसद भवन की रूपरेखा किस वास्तुशिल्पी ने बनायी थी ?

Options :

67603328185. हर्बर्ट बेकर

67603328186. बी. वी. दोशी

ZOLLEGE.in

67603328187. راج ریوال

67603328188. سنجے پوری

Question Number : 37 Question Id : 6760337686 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ہندوستانی پارلیمنٹ عمارت کس معمار نے بنائی ہے؟

Options :

67603328185. ہربرٹ بیکر

67603328186. ہندوستانی پارلیمنٹ عمارت کس معمار نے بنائی ہے؟

67603328187. راج ریوال

67603328188. سنجے پوری

Question Number : 38 Question Id : 6760337687 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following material cannot be recycled ?

Options :

67603328189. Glass

67603328190. Terracota

67603328191. Steel

ZOLLEGE.in

67603328192. Paper

Question Number : 38 Question Id : 6760337687 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से किस वस्तु को पुनः इस्तेमाल (रिसायकल) नहीं किया जा सकता ?

Options :

67603328189. काँच

67603328190. टेराकोटा

67603328191. स्टील

67603328192. कागज़

Question Number : 38 Question Id : 6760337687 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے کس چیز کا پھر سے استعمال کر سکتے ہیں ؟

Options :

67603328189. شیشہ

67603328190. ٹیراکوٹا

67603328191. اِسٹیل

67603328192. کاغذ

ZOLLEGE.in

Question Number : 39 Question Id : 6760337688 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the size of conventional brick ?

Options :

67603328193. 230 mm × 115 mm × 70 mm

67603328194. 230 mm × 110 mm × 75 mm

67603328195. 230 mm × 115 mm × 75 mm

67603328196. 230 mm × 110 mm × 65 mm

Question Number : 39 Question Id : 6760337688 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

पारंपरिक ईंट का आकार निम्न में से कौन सा है ?

Options :

67603328193. 230 mm × 115 mm × 70 mm

67603328194. 230 mm × 110 mm × 75 mm

67603328195. 230 mm × 115 mm × 75 mm

67603328196. 230 mm × 110 mm × 65 mm

Question Number : 39 Question Id : 6760337688 Question Type : MCQ Option Shuffling : Yes Is

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Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

روایتی اینٹوں کا ناپ کیا ہوتا ہے ؟

Options :

67603328193. 230 mm × 115 mm × 70 mm

67603328194. 230 mm × 110 mm × 75 mm

67603328195. 230 mm × 115 mm × 75 mm

67603328196. 230 mm × 110 mm × 70 mm

Question Number : 40 Question Id : 6760337689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following site listed as the 1st UNESCO world heritage site in India ?

Options :

67603328197. Bhimbetta Caves

67603328198. Ajanta Caves

67603328199. Jaipur City

67603328200. Hampi

Question Number : 40 Question Id : 6760337689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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निम्न में से कौन सा स्थल भारत में पहला यूनेस्को विश्व धरोहर स्थल है ?

Options :

67603328197. भीमबेटा की गुफाएँ

67603328198. अजंता की गुफाएँ

67603328199. जयपुर शहर

67603328200. हम्पी

Question Number : 40 Question Id : 6760337689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے ہندوستان کی کونسی جگہ پہلی یونسکو(UNESCO) عالمی ثقافتی ورچہ (اولڈ ہیرٹیج سائیٹ) کی فہرست میں شامل ہے؟

Options :

67603328197. بھیمبٹتا گفا

67603328198. اجنتا گفا

67603328199. جے پور شہر

67603328200. ہمپی

Question Number : 41 Question Id : 6760337690 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following scale represents the enlargement scale ?

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Options :

67603328201. 1 : 2

67603328202. 1 : 20

67603328203. 50 : 1

67603328204. 1 : 1

Question Number : 41 Question Id : 6760337690 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन सा पैमाना, विस्तार के पैमाने को दर्शाता है ?

Options :

67603328201. 1 : 2

67603328202. 1 : 20

67603328203. 50 : 1

67603328204. 1 : 1

Question Number : 41 Question Id : 6760337690 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان پیمانوں میں سے سب سے بڑا پیمانہ کونسا ہے ؟

Options :

67603328201. 1 : 2

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67603328202. 1 : 20

67603328203. 50 : 1

67603328204. 1 : 1

Question Number : 42 Question Id : 6760337691 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The Meerabai temple is located at which of the following fort ?

Options :

67603328205. Jaigarh fort

67603328206. Chittor fort

67603328207. Nahargarh fort

67603328208. Jhansi fort

Question Number : 42 Question Id : 6760337691 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से किस किले में मीराबाई मंदिर स्थित है ?

Options :

67603328205. जयगढ़ का किला

67603328206. चित्तौड़ का किला

67603328207. नहारगढ़ का किला

ZOLLEGE.in

67603328208. झाँसी का किला

Question Number : 42 Question Id : 6760337691 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

میرابائی مندر کونسے قلعہ میں مقیم ہے ؟

Options :

67603328205. جے گڑھ قلعہ

67603328206. چتّوڑ قلعہ

67603328207. نہارگڑھ قلعہ

67603328208. جھانسی کا قلعہ

Question Number : 43 Question Id : 6760337692 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

First Architecture college in Asia is located in which city ?

Options :

67603328209. Tokyo

67603328210. Mumbai

67603328211. Lahore

ZOLLEGE.in

67603328212. Shanghai

Question Number : 43 Question Id : 6760337692 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

एशिया में पहला वास्तुशिल्पी कॉलेज किस शहर में स्थित है ?

Options :

67603328209. टोक्यो

67603328210. मुम्बई

67603328211. लाहौर

67603328212. शंघाई

Question Number : 43 Question Id : 6760337692 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

پہلا فن تعمیراتی کالج ایشیا میں کیا ہے؟

Options :

67603328209. ٹوکیو

67603328210. ممبئی

67603328211. لاہور

67603328212. شنگھائی

ZOLLEGE.in

Question Number : 44 Question Id : 6760337693 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Atal Tunnel' is located in which state of India ?

Options :

67603328213. Uttarakhand

67603328214. Jammu Kashmir

67603328215. Punjab

67603328216. Himachal Pradesh

Question Number : 44 Question Id : 6760337693 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'अटल टनल' भारत के किस राज्य में स्थित हैं ?

Options :

67603328213. उत्तराखण्ड

67603328214. जम्मु कश्मीर

67603328215. पंजाब

67603328216. हिमाचल प्रदेश

Question Number : 44 Question Id : 6760337693 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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''اٹل سرنگ'' ہندوستان کی کس ریاست میں ہے؟

Options :

67603328213. اُتّراکھنڈ

67603328214. جموں و کشمیر

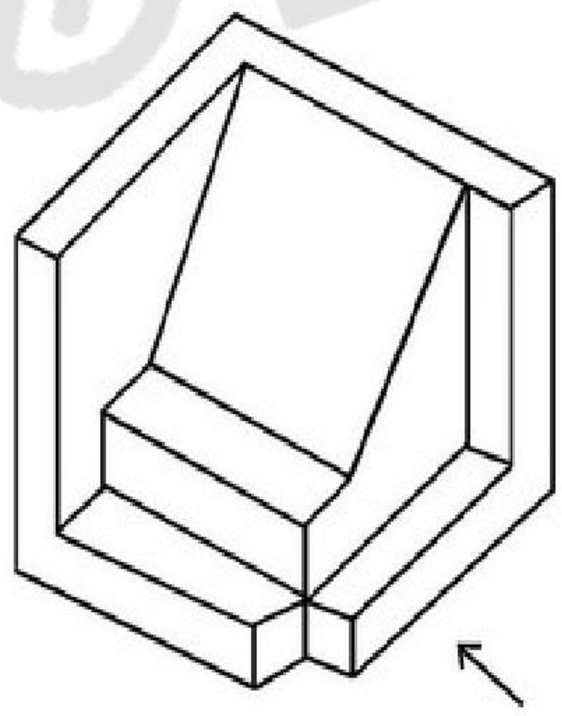
67603328215. پنجاب

67603328216. ہماچل پردیش

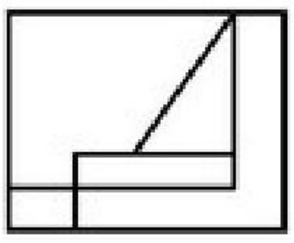
Question Number : 45 Question Id : 6760337694 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

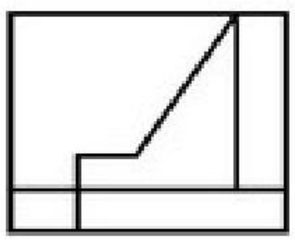
Correct Marks : 4 Wrong Marks : 1

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

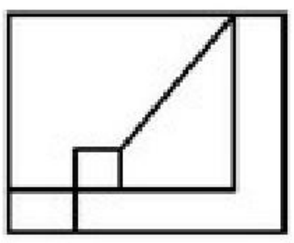


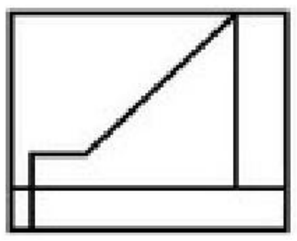
Options :

67603328217. 

67603328218. 

ZOLLEGE.in

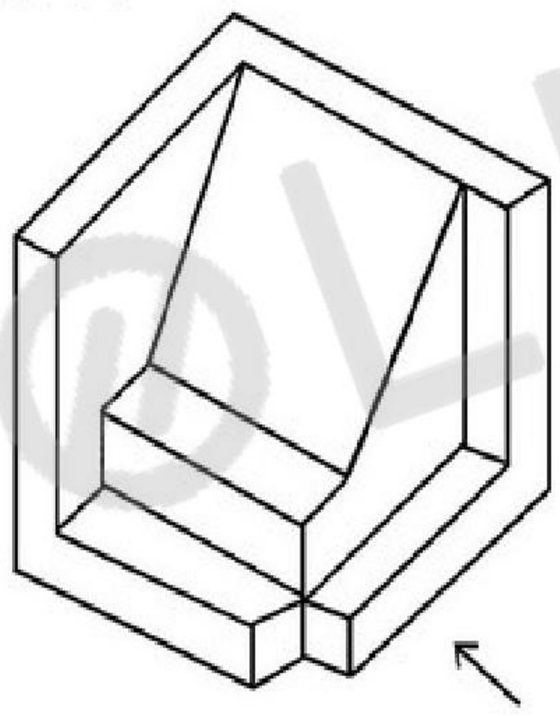
67603328219. 

67603328220. 

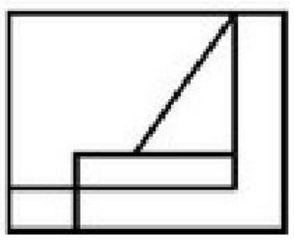
Question Number : 45 Question Id : 6760337694 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

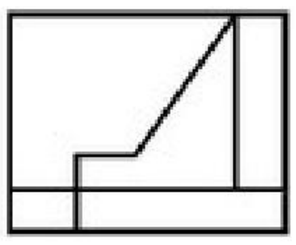
Correct Marks : 4 Wrong Marks : 1

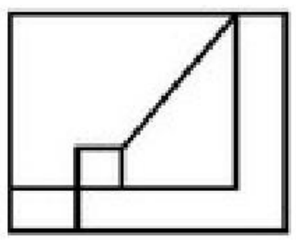
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही दृश्य को उत्तर आकृतियों में से पहचानिये ।



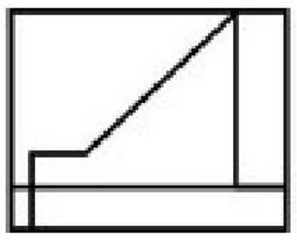
Options :

67603328217. 

67603328218. 

67603328219. 

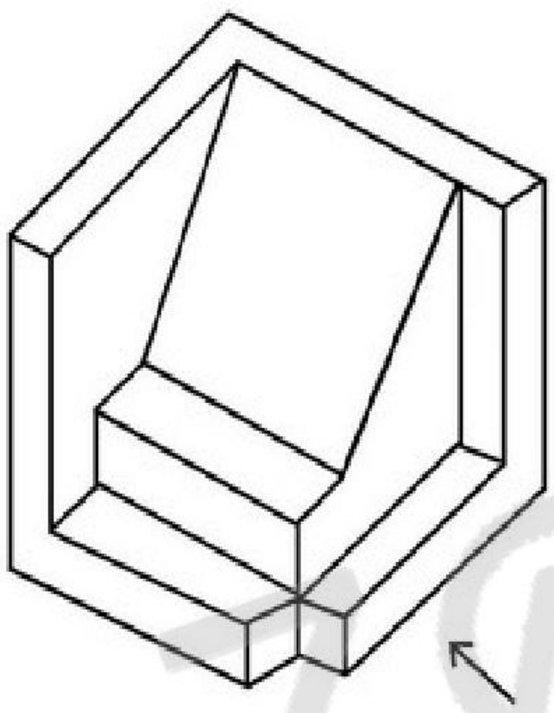
ZOLLEGE.in

67603328220. 

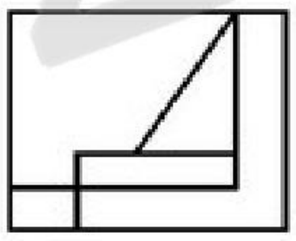
Question Number : 45 Question Id : 6760337694 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

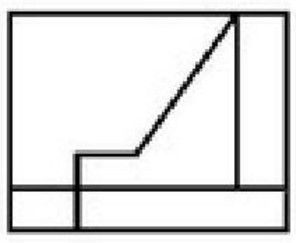
Correct Marks : 4 Wrong Marks : 1

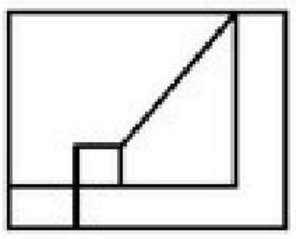
دی ہوئی سہ بعدی تصویر میں ایک چیز (آبجکٹ) دیکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟



Options :

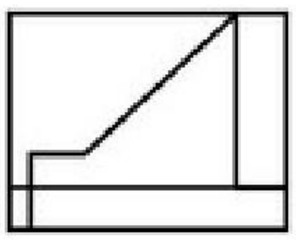
67603328217. 

67603328218. 

67603328219. 

67603328220.

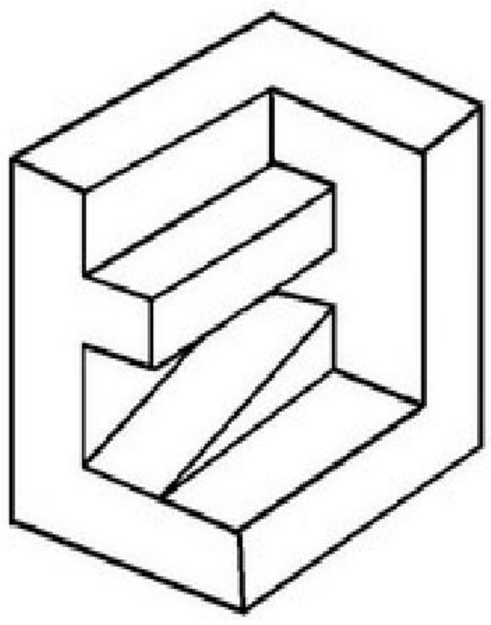
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Question Number : 46 Question Id : 6760337695 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

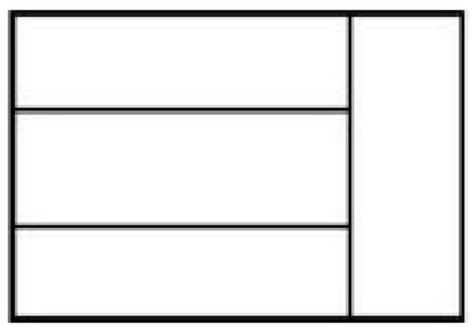
Correct Marks : 4 Wrong Marks : 1

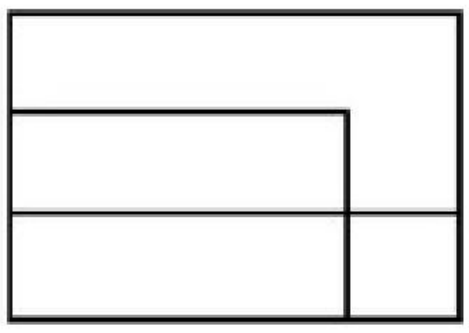
The 3D figure shows the view of an object. Identify the correct Top view from the answer figures.

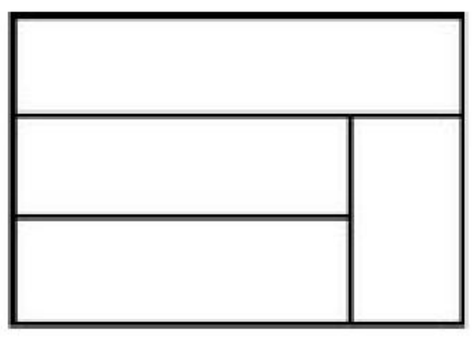


Options :

67603328221. 

67603328222. 

67603328223. 

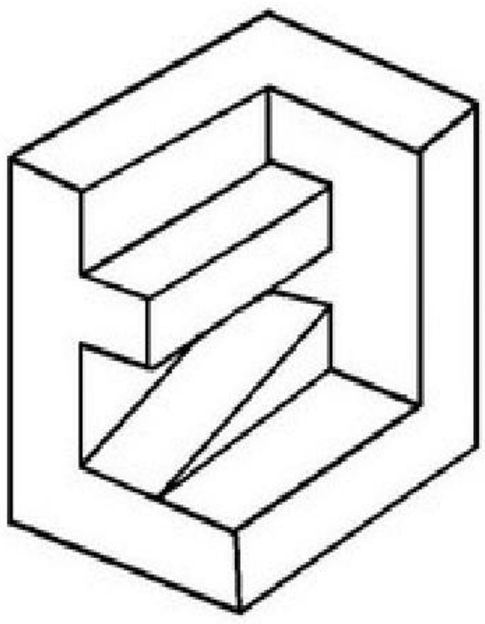
67603328224. 

ZOLLEGE.in

Question Number : 46 Question Id : 6760337695 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

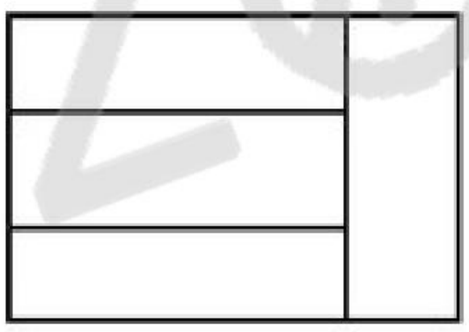
Correct Marks : 4 Wrong Marks : 1

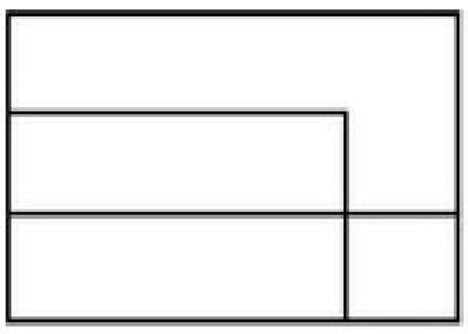
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये ।

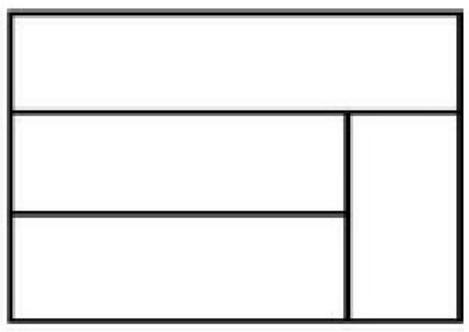


Options :

67603328221. 

67603328222. 

67603328223. 

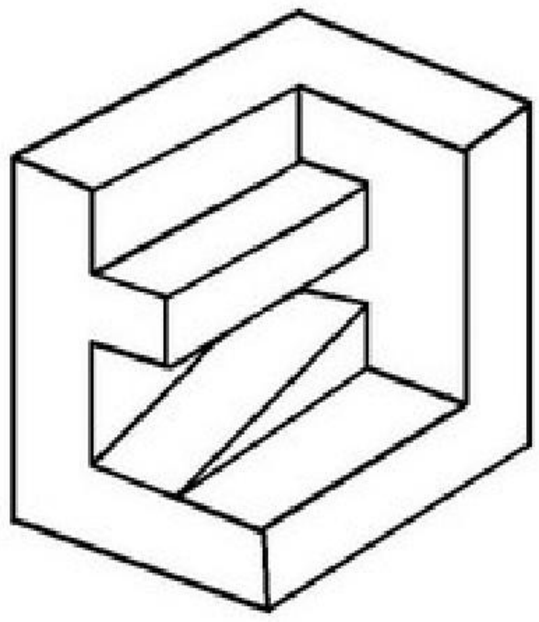
67603328224. 

ZOLLEGE.in

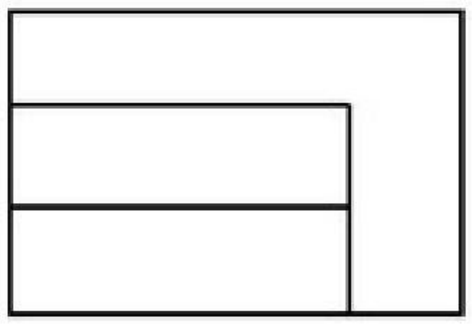
Question Number : 46 Question Id : 6760337695 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

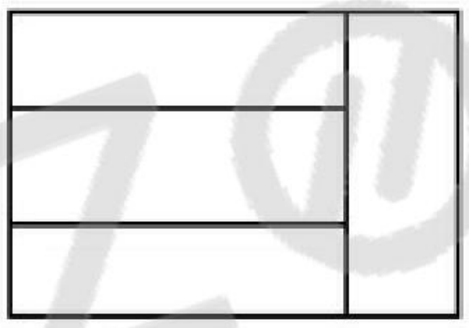
Correct Marks : 4 Wrong Marks : 1

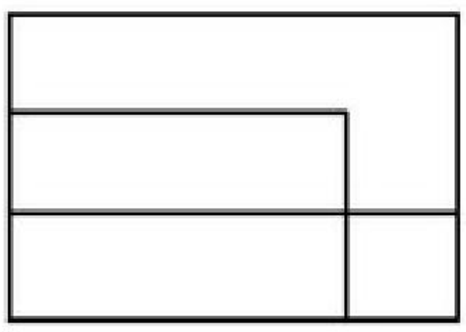
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ اس کا صحیح اُوپری نظارہ کیا ہوگا ؟

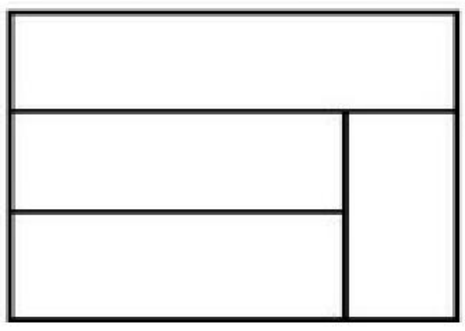


Options :

67603328221. 

67603328222. 

67603328223. 

67603328224. 

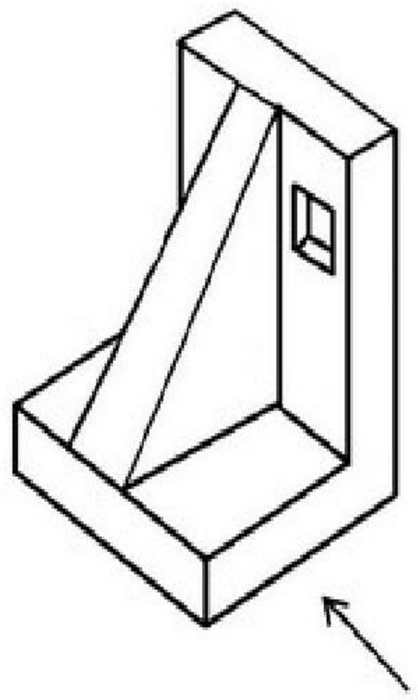
Question Number : 47 Question Id : 6760337696 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

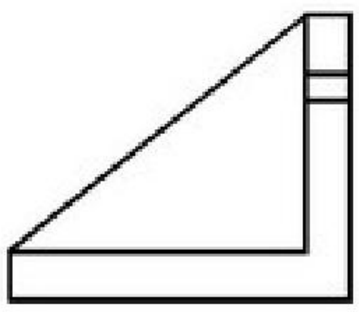
Question Mandatory : No

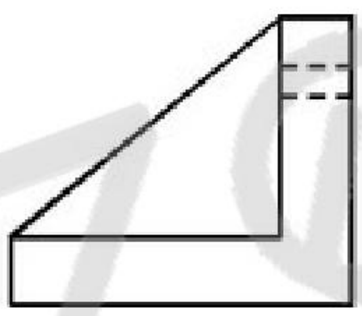
Correct Marks : 4 Wrong Marks : 1

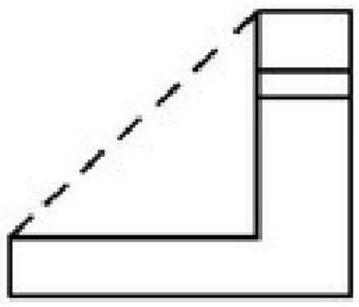
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.

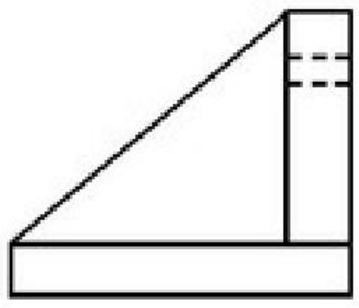


Options :

67603328225. 

67603328226. 

67603328227. 

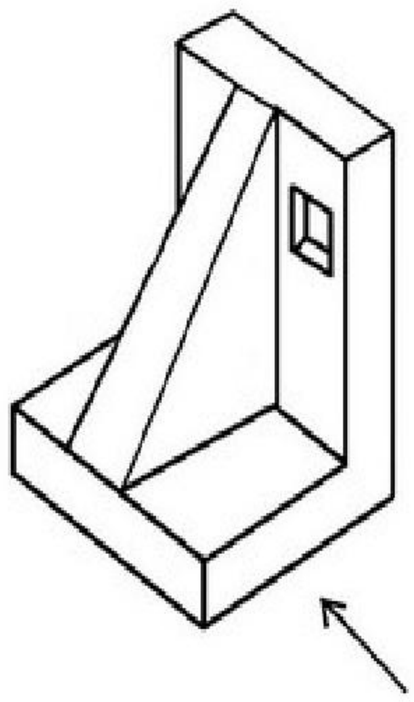
67603328228. 

Question Number : 47 Question Id : 6760337696 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

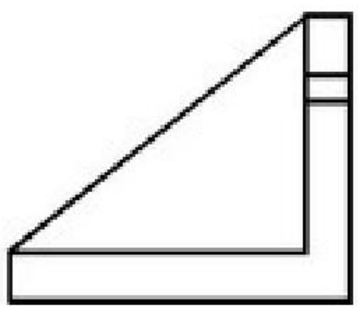
ZOLLEGE.in

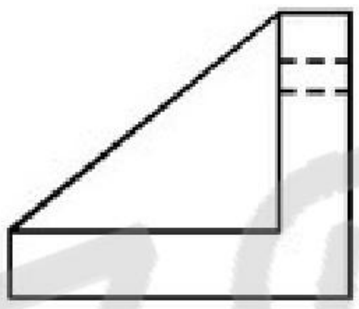
Correct Marks : 4 Wrong Marks : 1

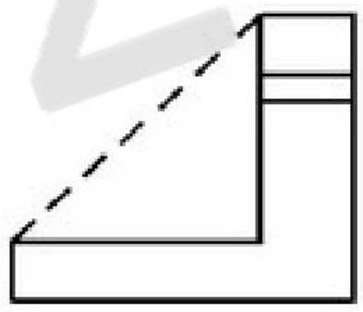
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए सही दृश्य को उत्तर आकृतियों में से पहचानिये ।

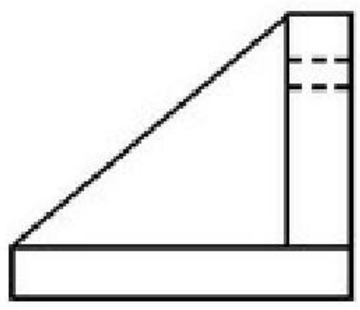


Options :

67603328225. 

67603328226. 

67603328227. 

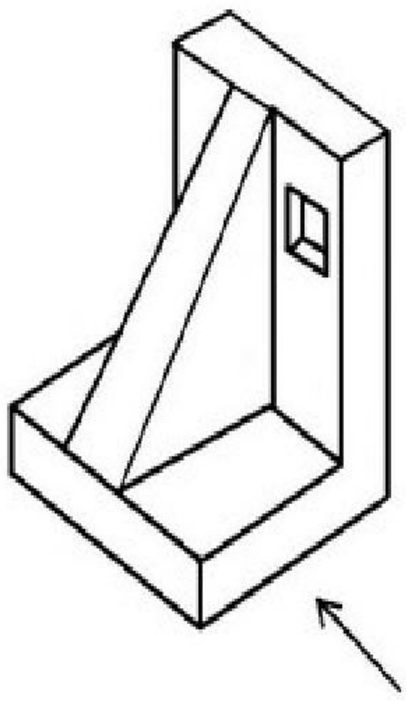
67603328228. 

Question Number : 47 Question Id : 6760337696 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

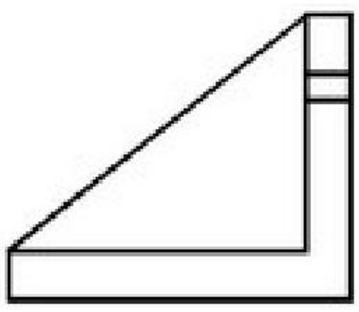
Correct Marks : 4 Wrong Marks : 1

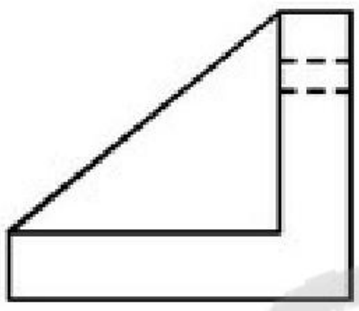
ZOLLEGE.in

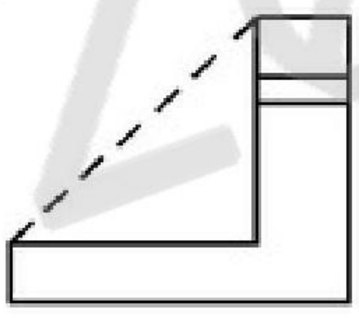
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

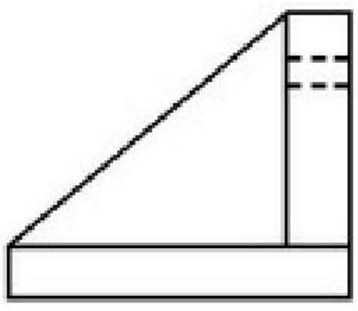


Options :

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67603328227. 

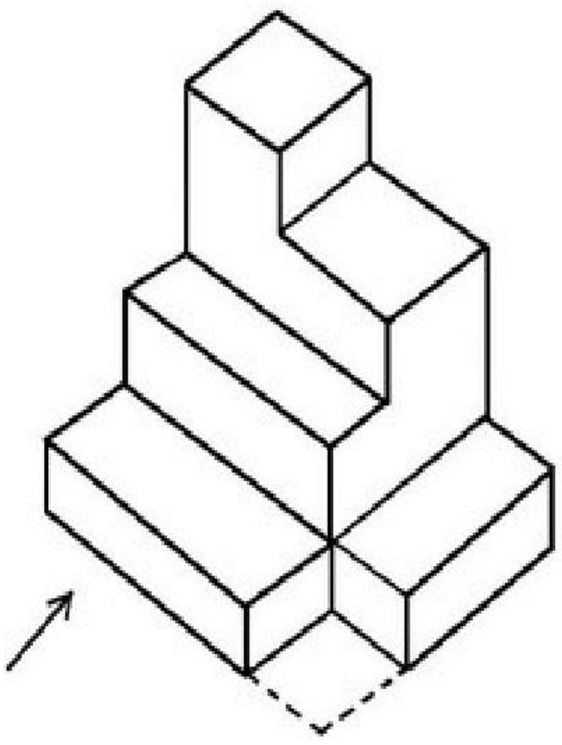
67603328228. 

Question Number : 48 Question Id : 6760337697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

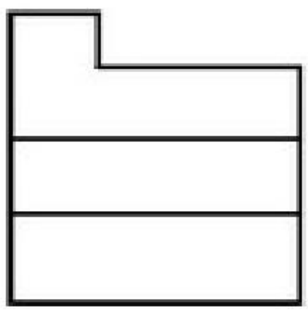
Correct Marks : 4 Wrong Marks : 1

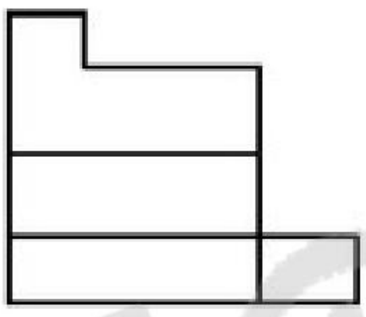
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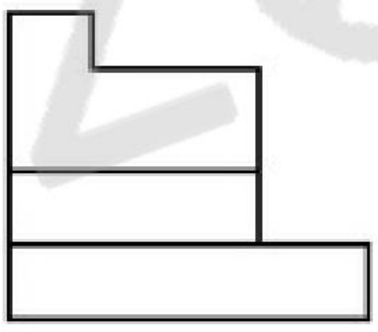
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.

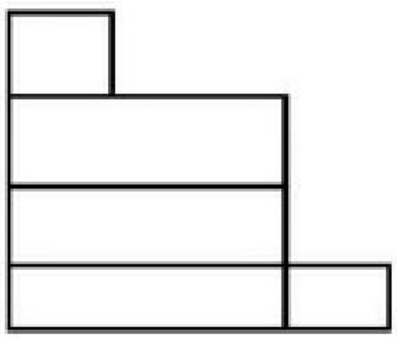


Options :

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67603328230. 

67603328231. 

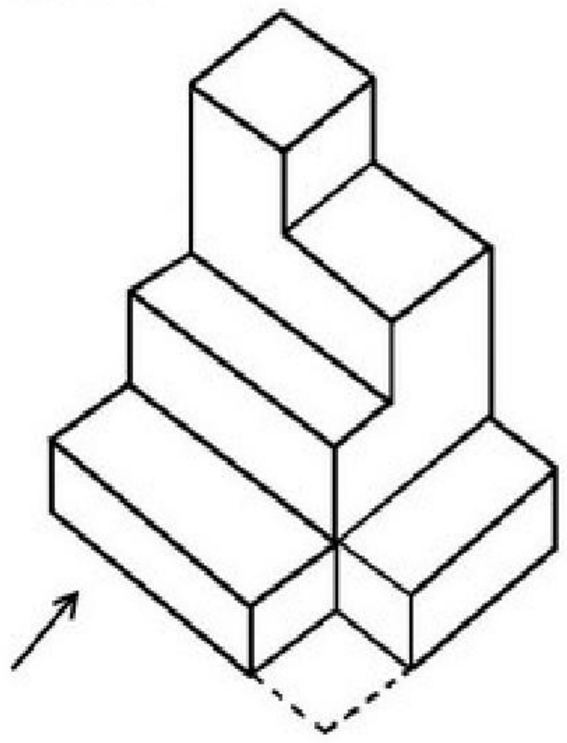
67603328232. 

Question Number : 48 Question Id : 6760337697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

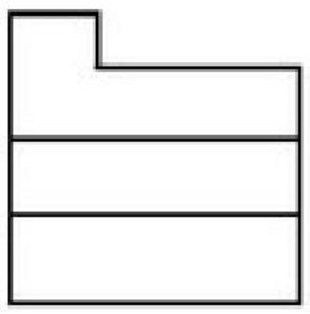
Correct Marks : 4 Wrong Marks : 1

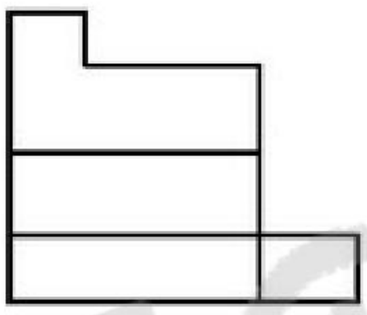
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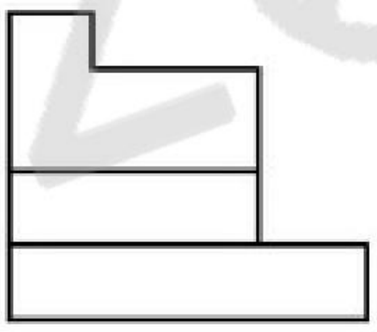
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए सही दृश्य को उत्तर आकृतियों में से पहचानिये ।

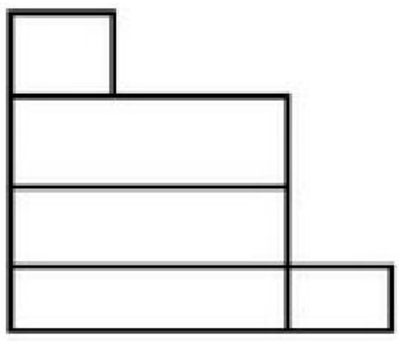


Options :

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67603328230. 

67603328231. 

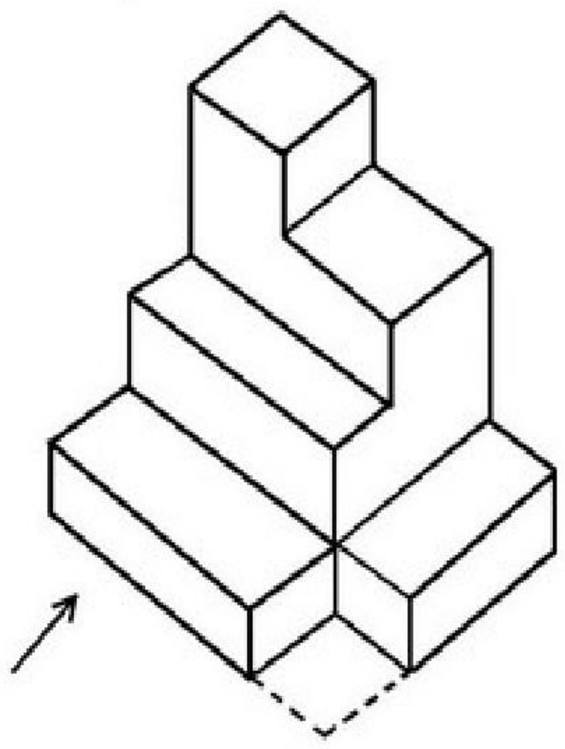
67603328232. 

Question Number : 48 Question Id : 6760337697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

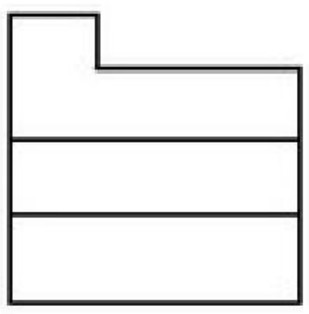
Correct Marks : 4 Wrong Marks : 1

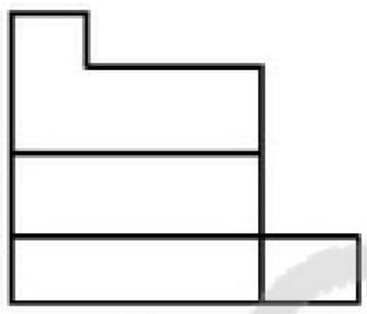
ZOLLEGE.in

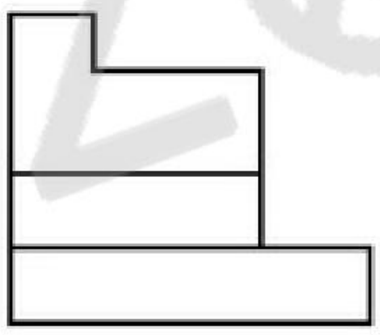
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

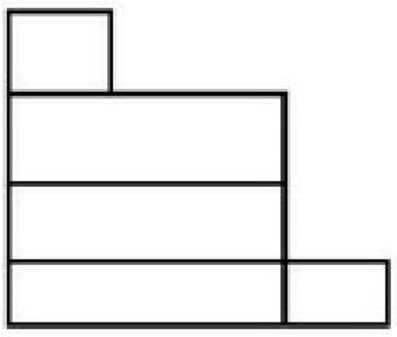


Options :

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67603328231. 

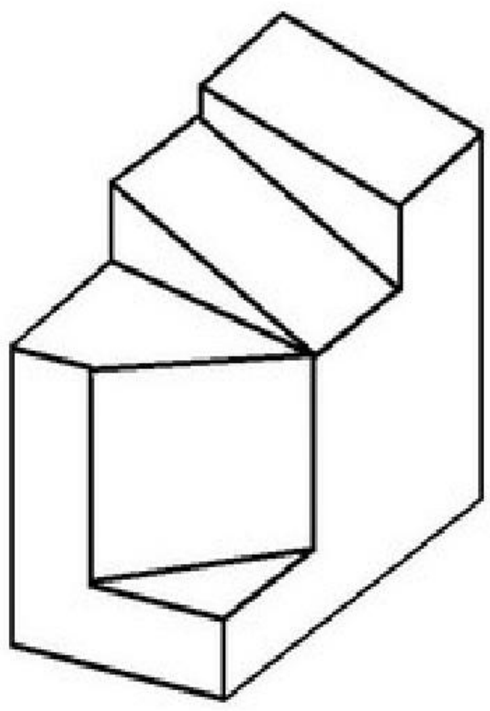
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Question Number : 49 Question Id : 6760337698 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

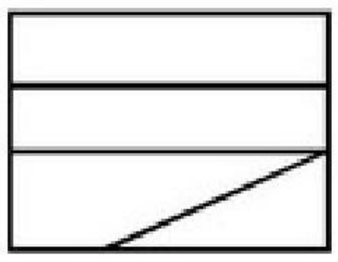
Correct Marks : 4 Wrong Marks : 1

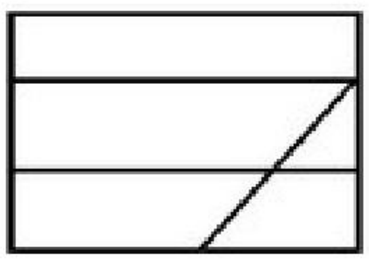
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The 3D figure shows the view of an object. Identify the correct Top view from the answer figures.

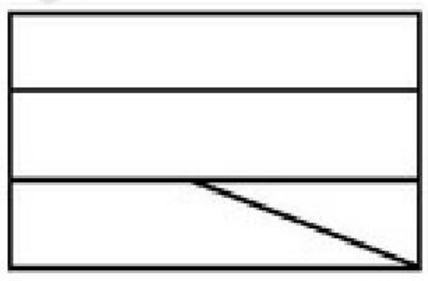


Options :

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67603328234. 

67603328235. 

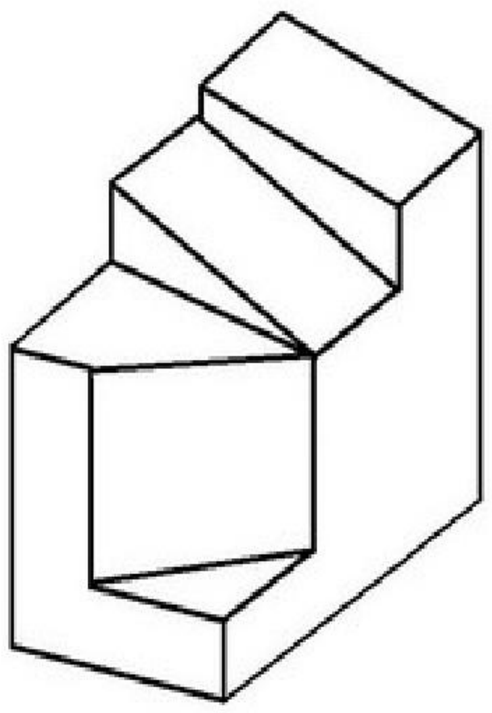
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Question Number : 49 Question Id : 6760337698 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

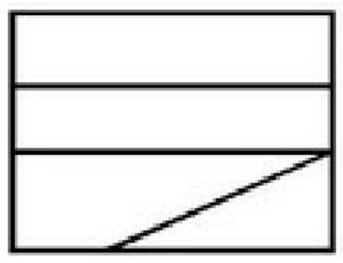
Correct Marks : 4 Wrong Marks : 1

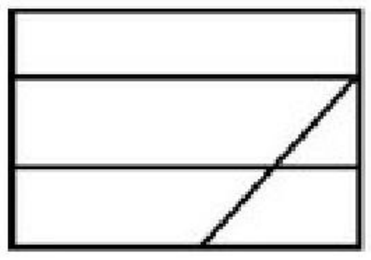
ZOLLEGE.in

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

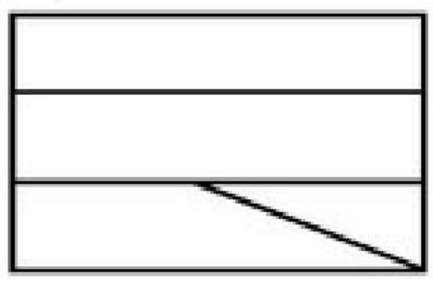


Options :

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67603328234. 

67603328235. 

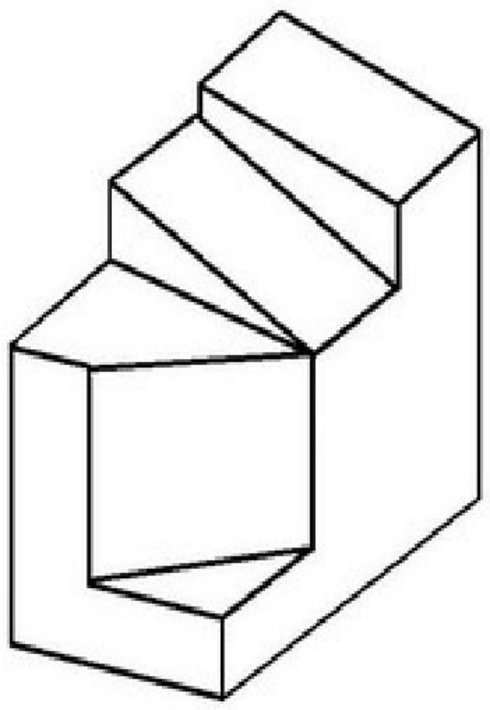
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Question Number : 49 Question Id : 6760337698 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

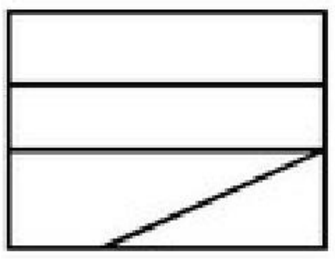
Correct Marks : 4 Wrong Marks : 1

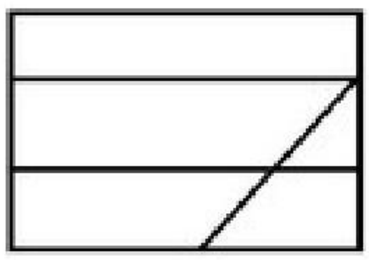
ZOLLEGE.in

اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا اُوپری نظارہ کیا ہوگا ؟

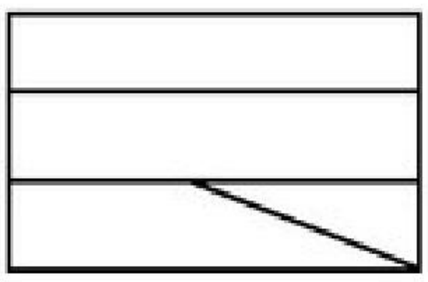


Options :

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67603328235. 

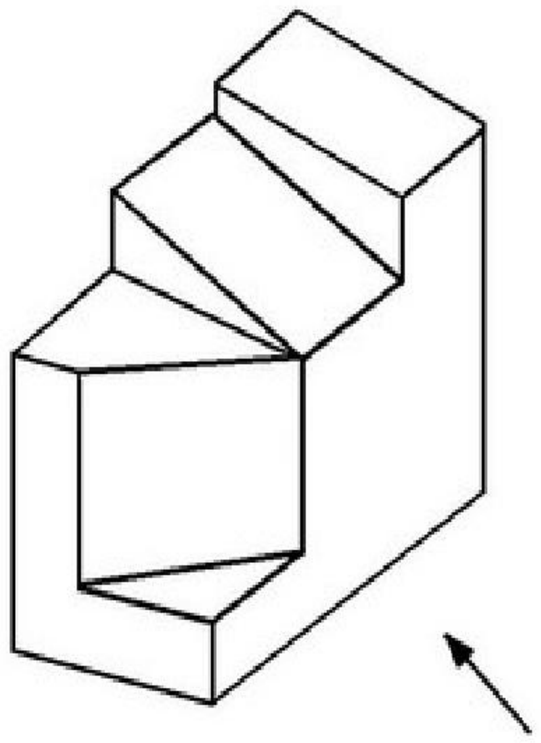
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Question Number : 50 Question Id : 6760337699 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

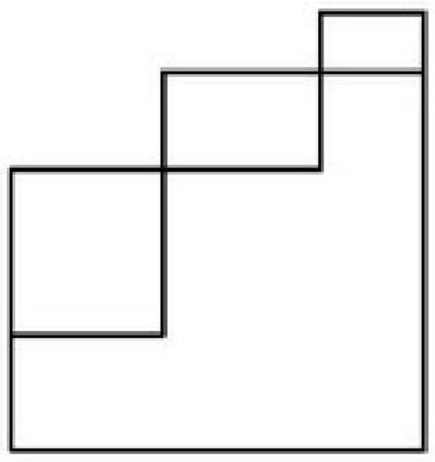
Correct Marks : 4 Wrong Marks : 1

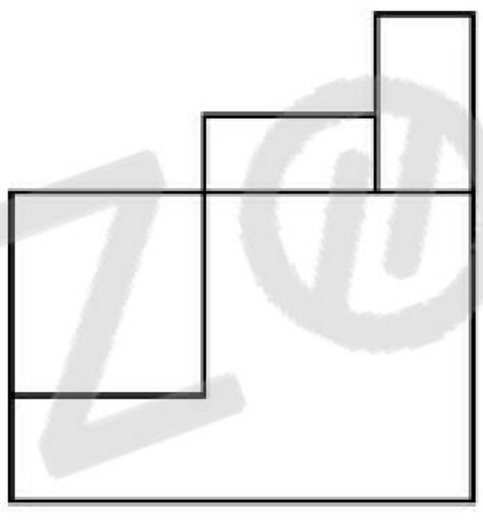
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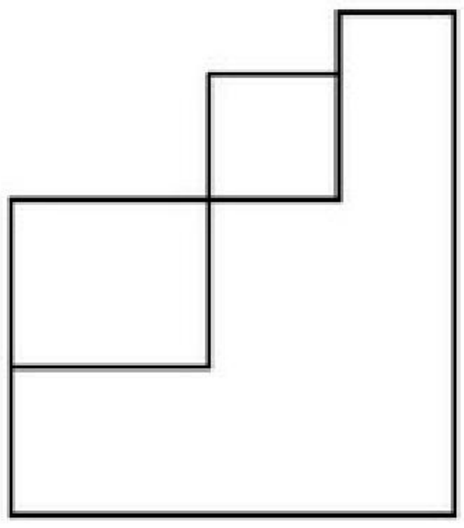
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.



Options :

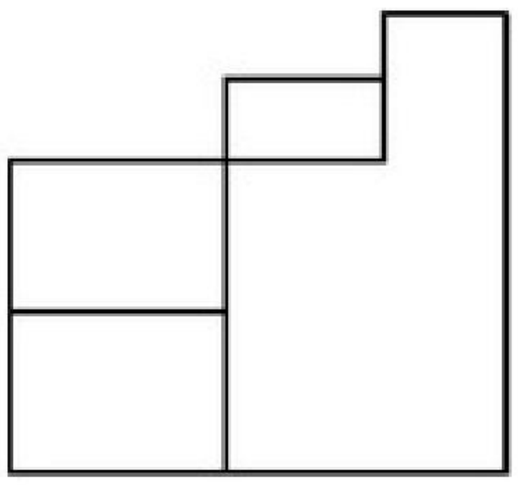
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67603328238. 

67603328239. 

67603328240.

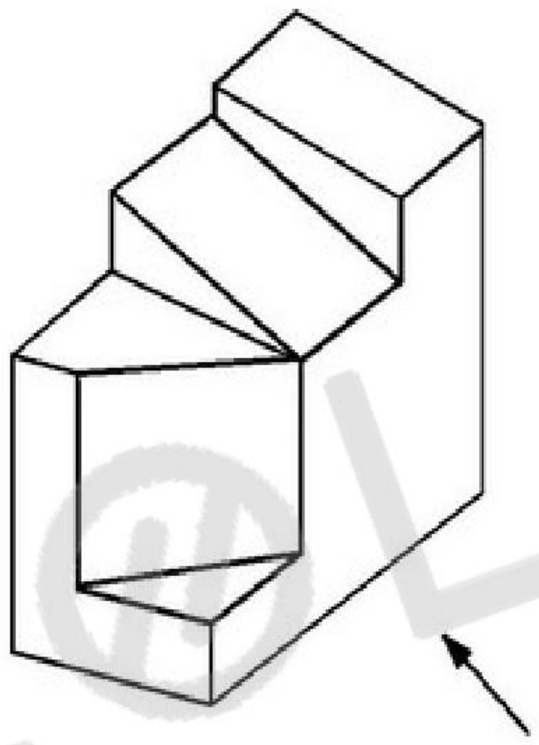
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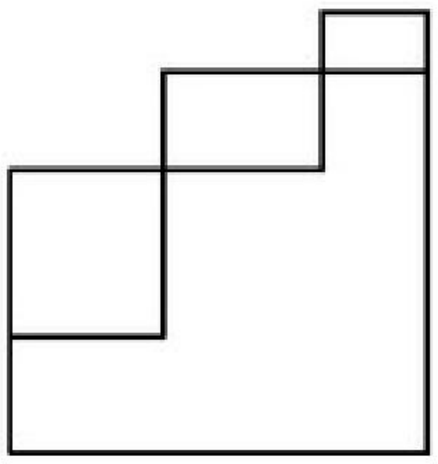
Question Number : 50 Question Id : 6760337699 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

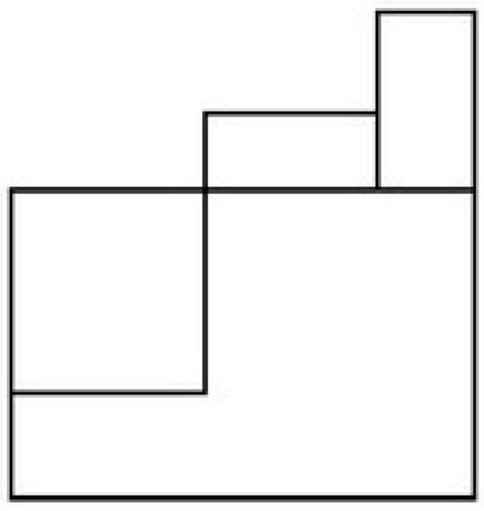
Correct Marks : 4 Wrong Marks : 1

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

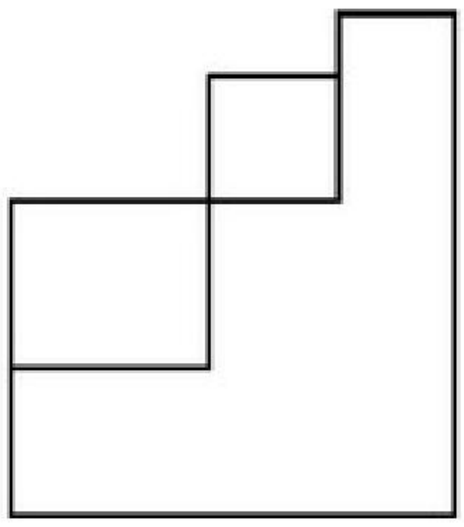


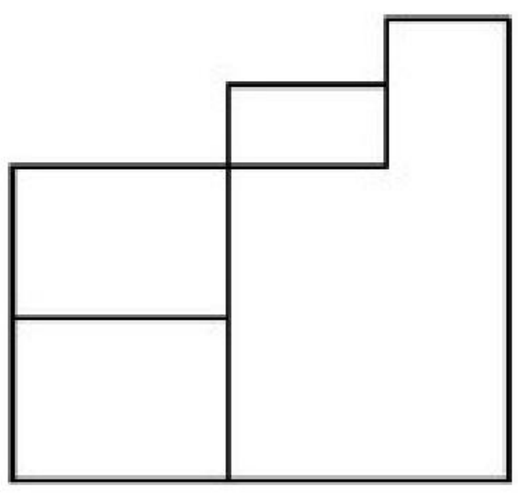
Options :

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67603328238. 

ZOLLEGE.in

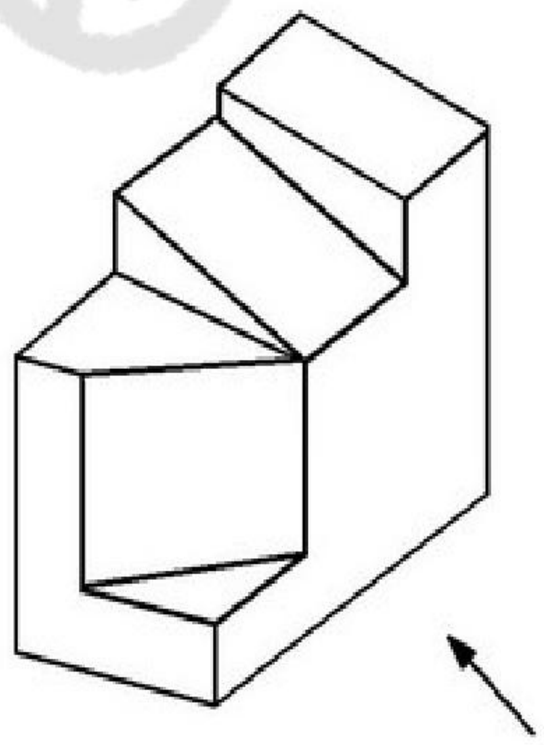
67603328239. 

67603328240. 

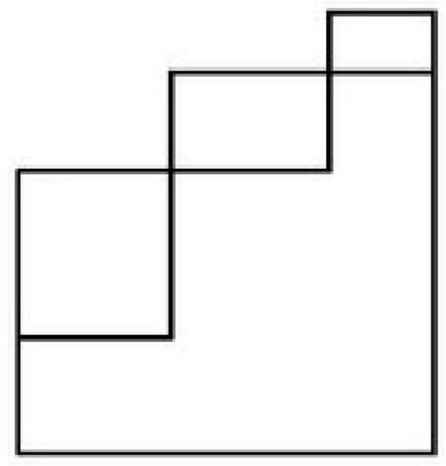
Question Number : 50 Question Id : 6760337699 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

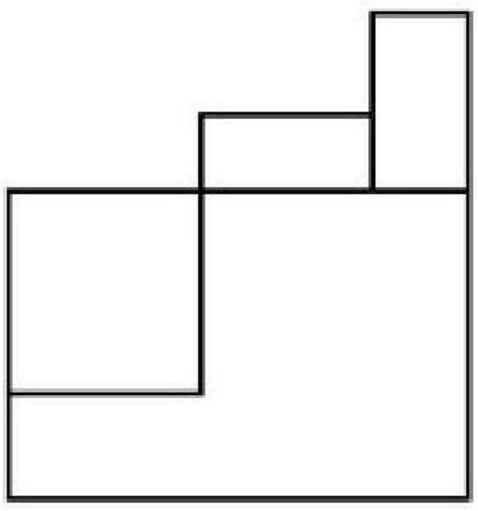
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

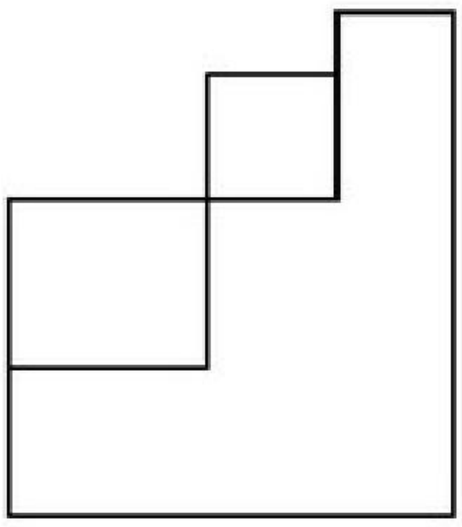


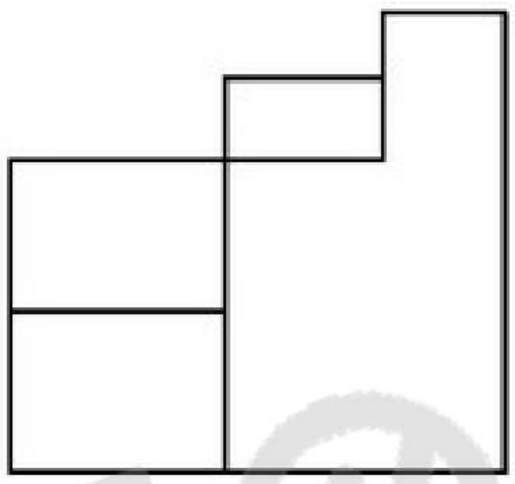
Options :

67603328237. 

ZOLLEGE.in

67603328238. 

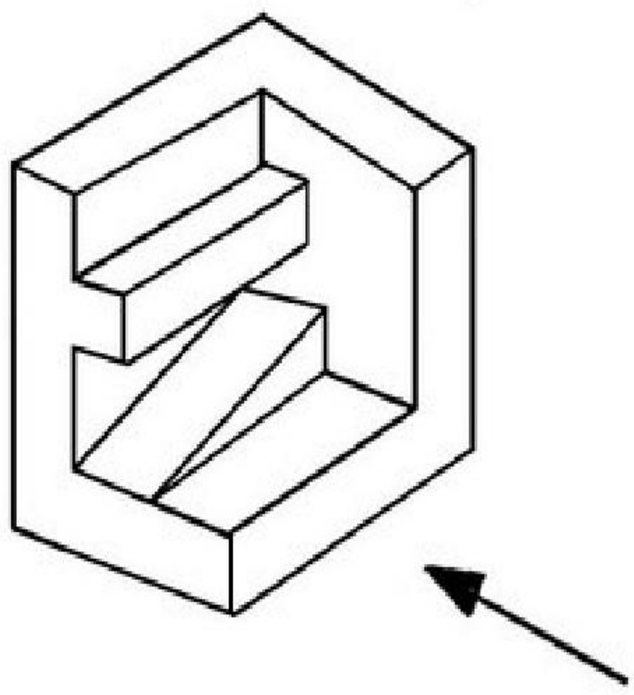
67603328239. 

67603328240. 

Question Number : 51 Question Id : 6760337700 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

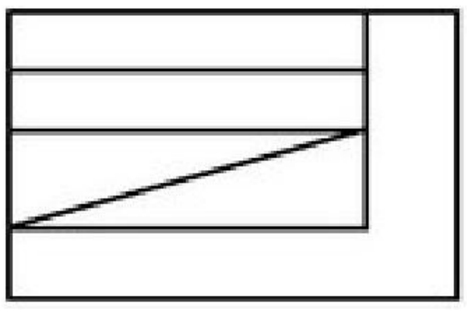
Correct Marks : 4 Wrong Marks : 1

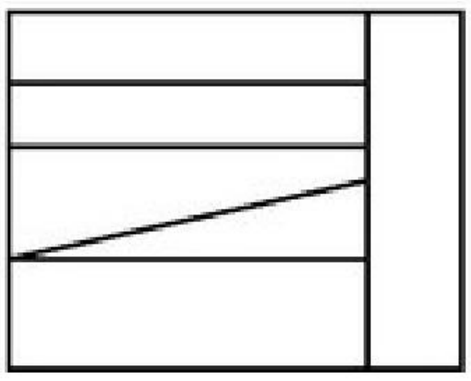
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.

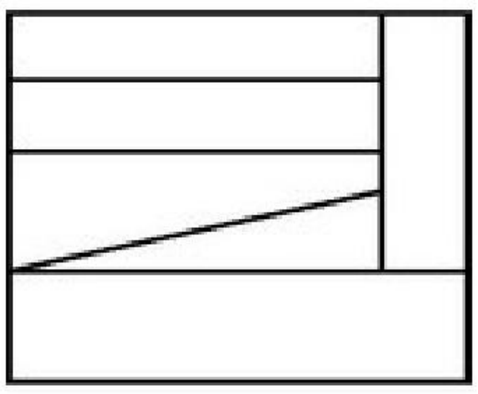


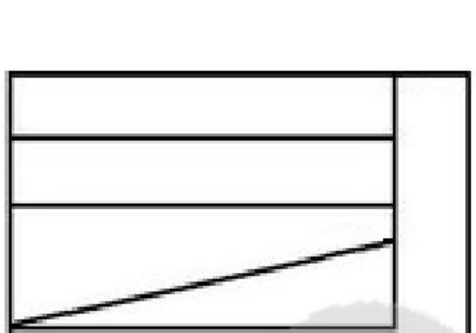
Options :

ZOLLEGE.in

67603328241. 

67603328242. 

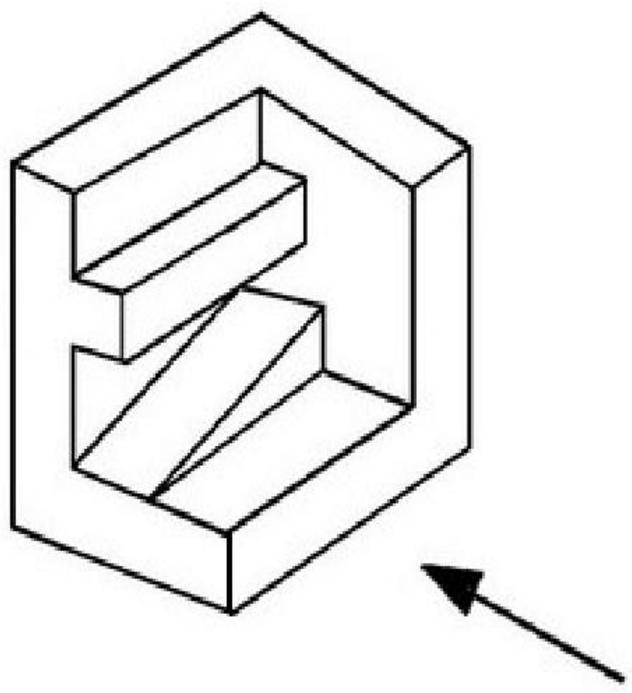
67603328243. 

67603328244. 

Question Number : 51 Question Id : 6760337700 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

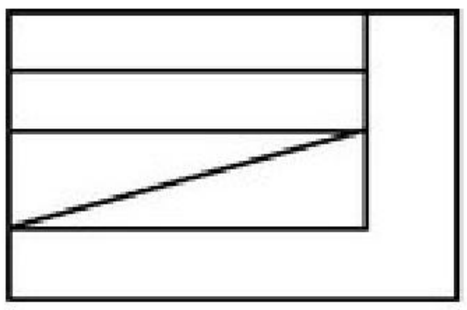
Correct Marks : 4 Wrong Marks : 1

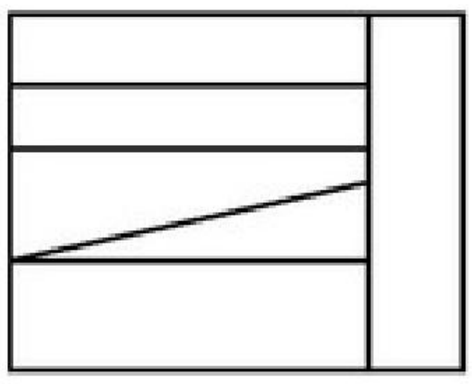
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही दृश्य को उत्तर आकृतियों में से पहचानिये ।

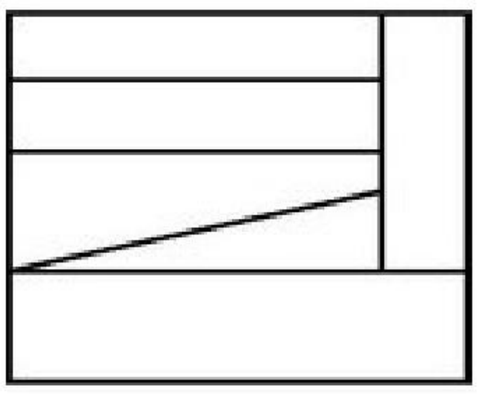


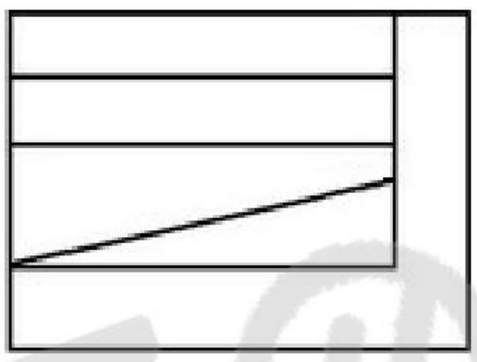
Options :

ZOLLEGE.in

67603328241. 

67603328242. 

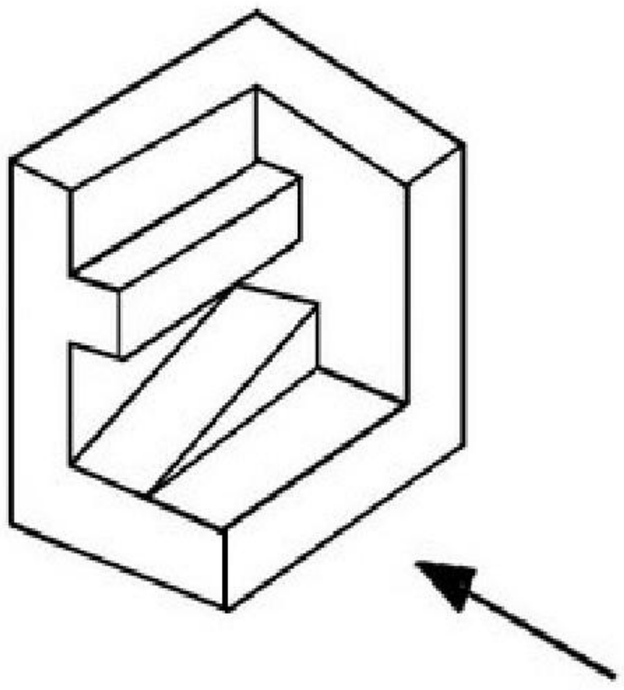
67603328243. 

67603328244. 

Question Number : 51 Question Id : 6760337700 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

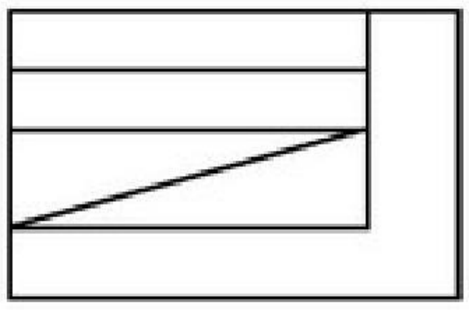
Correct Marks : 4 Wrong Marks : 1

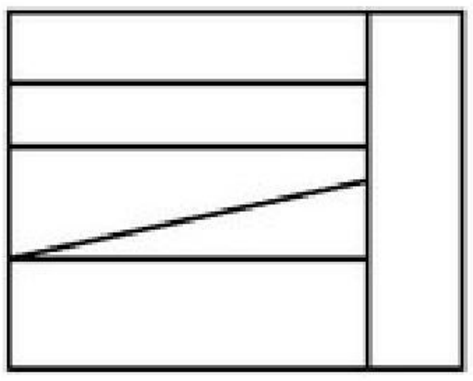
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

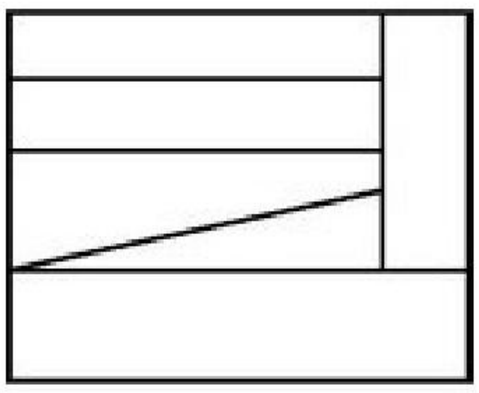


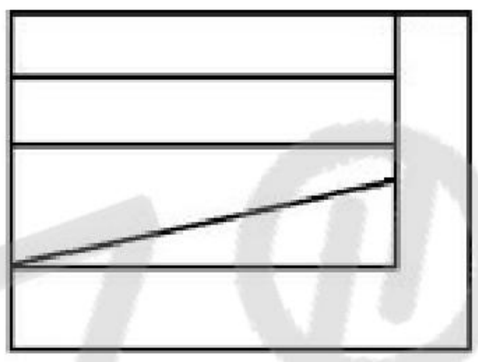
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Options :

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67603328242. 

67603328243. 

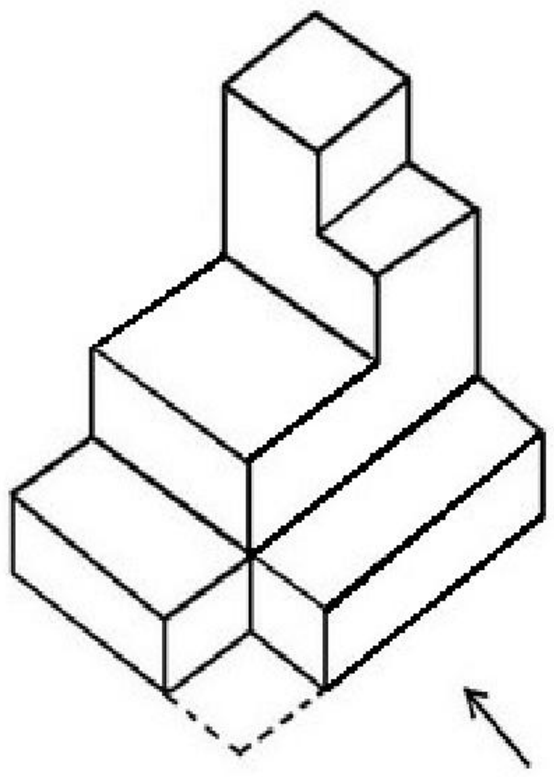
67603328244. 

Question Number : 52 Question Id : 6760337701 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

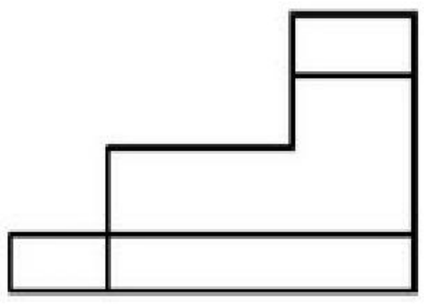
Correct Marks : 4 Wrong Marks : 1

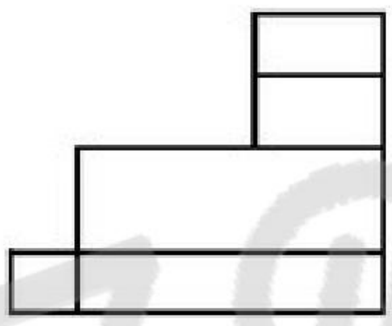
ZOLLEGE.in

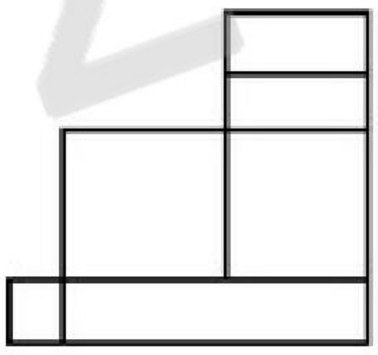
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.

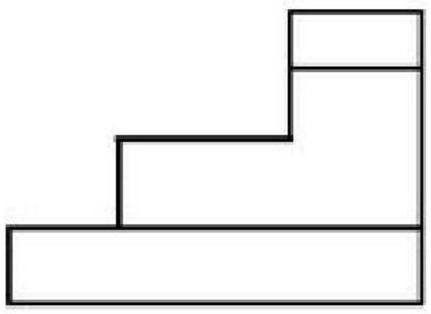


Options :

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67603328246. 

67603328247. 

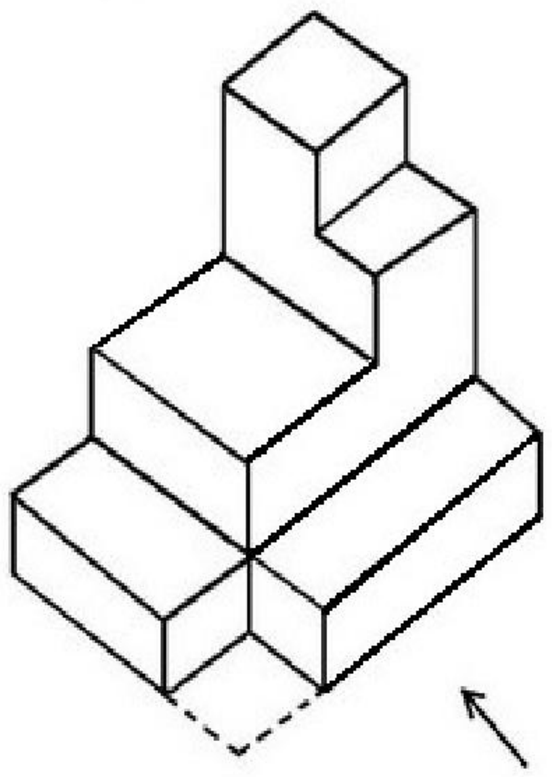
67603328248. 

Question Number : 52 Question Id : 6760337701 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

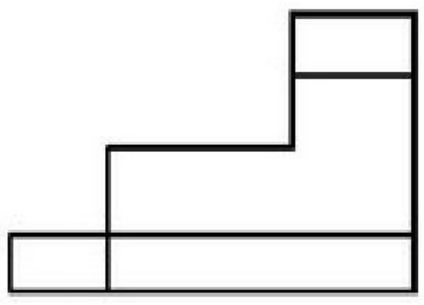
Correct Marks : 4 Wrong Marks : 1

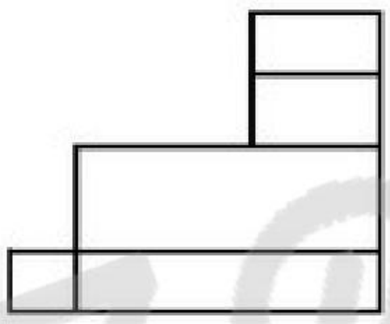
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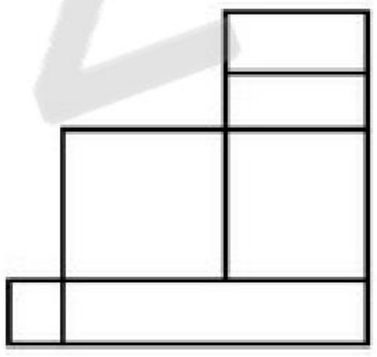
3D आकृति में एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही दृश्य को उत्तर आकृतियों में से पहचानिये ।

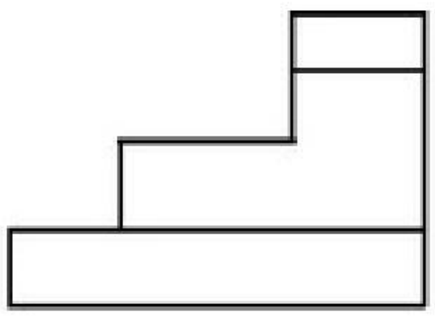


Options :

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67603328246. 

67603328247. 

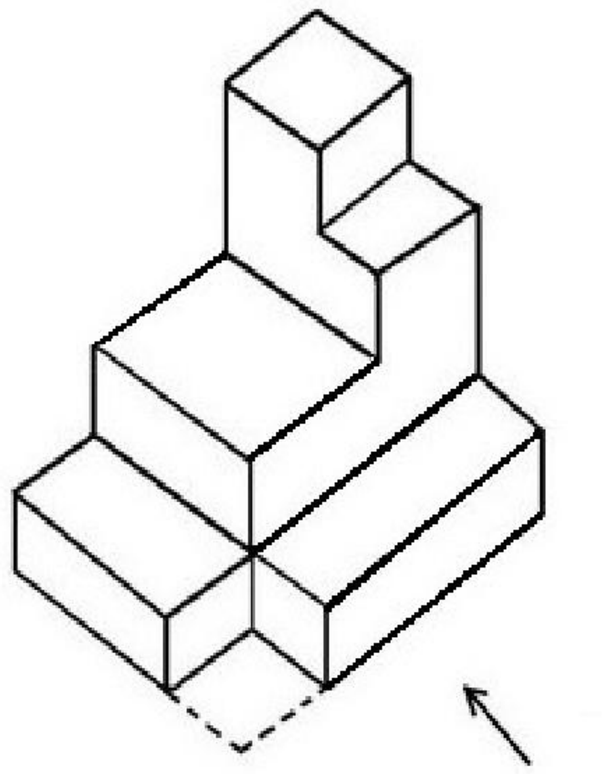
67603328248. 

Question Number : 52 Question Id : 6760337701 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

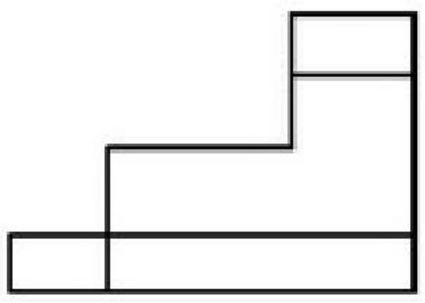
Correct Marks : 4 Wrong Marks : 1

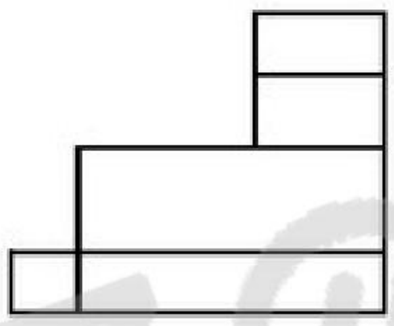
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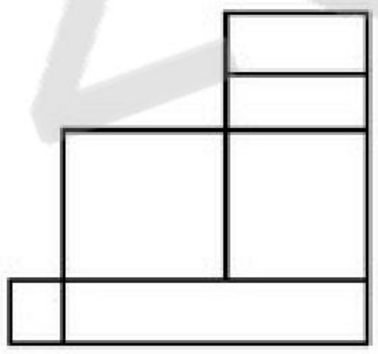
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

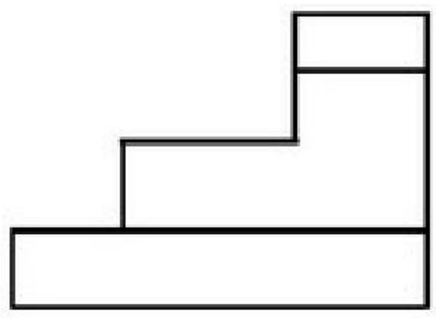


Options :

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67603328246. 

67603328247. 

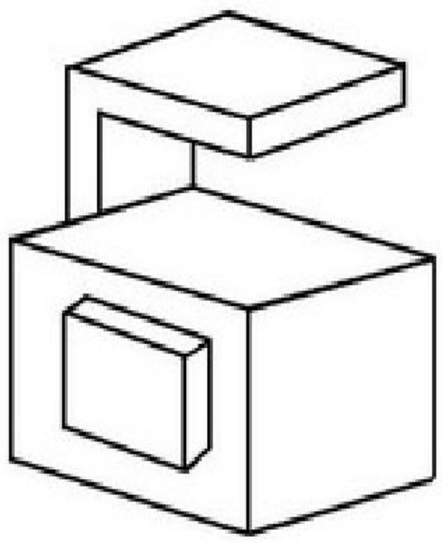
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Question Number : 53 Question Id : 6760337702 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

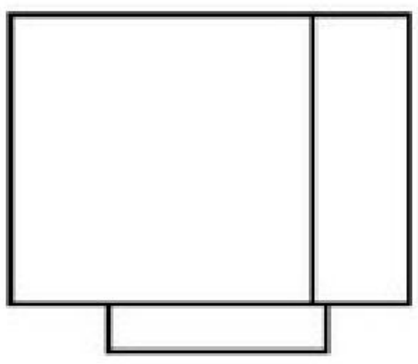
Correct Marks : 4 Wrong Marks : 1

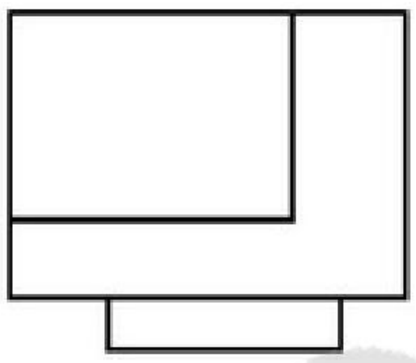
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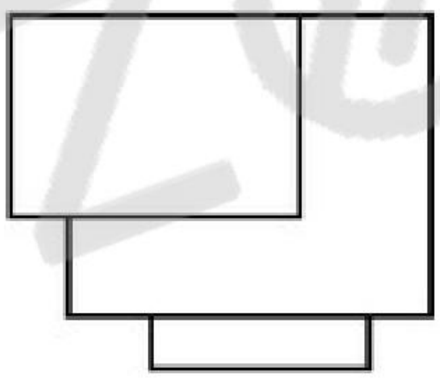
The 3D figure shows the view of an object. Identify the correct top view from the answer figures.

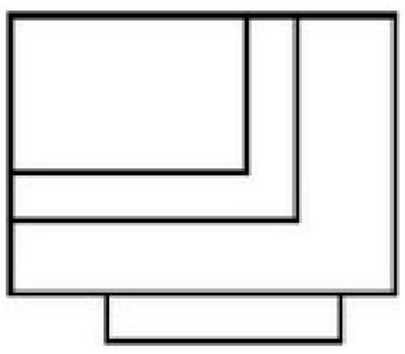


Options :

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67603328251. 

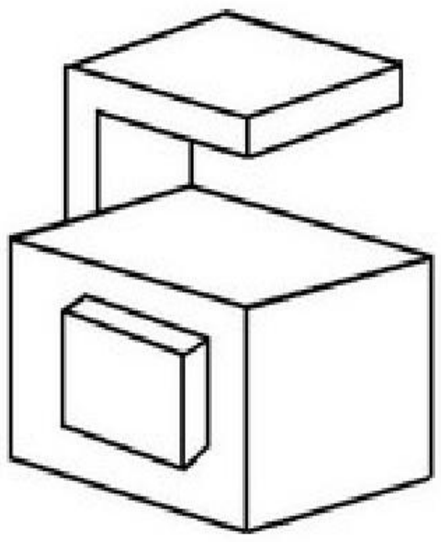
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Question Number : 53 Question Id : 6760337702 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

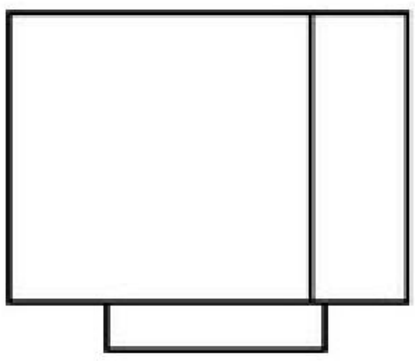
Correct Marks : 4 Wrong Marks : 1

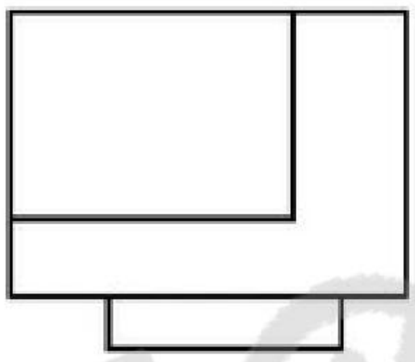
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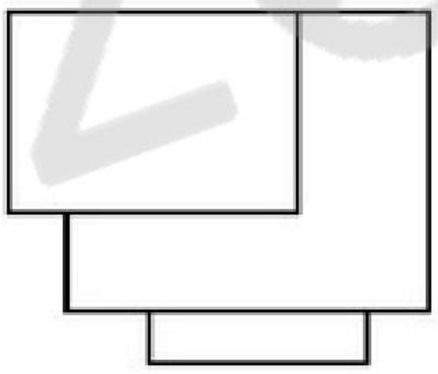
3D आकृति में, एक वस्तु के एक दृश्य को दिखाया गया है । इसका सही ऊपरी दृश्य, उत्तर आकृतियों में से पहचानिये ।

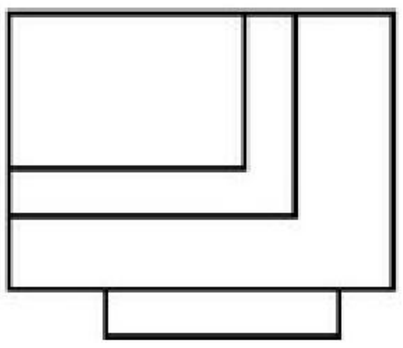


Options :

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67603328251. 

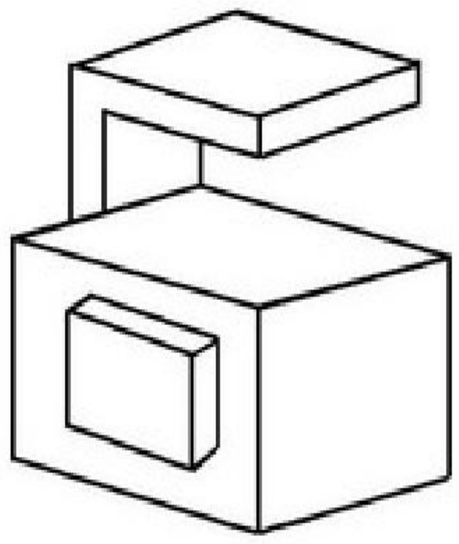
67603328252. 

Question Number : 53 Question Id : 6760337702 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

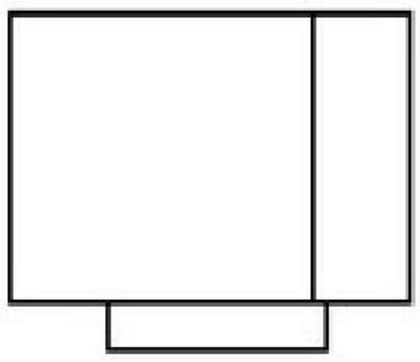
ZOLLEGE.in

اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ ان میں سے صحیح اُوپری نظارہ کیا ہوگا ؟

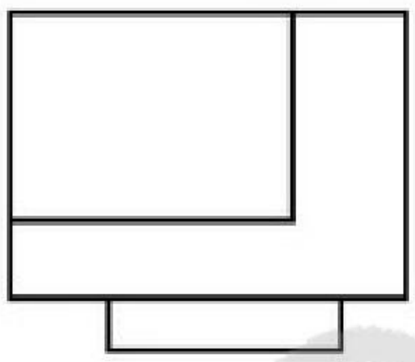


Options :

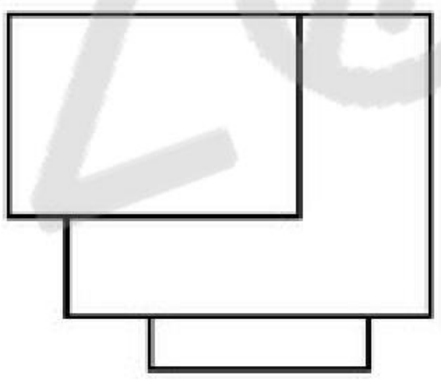
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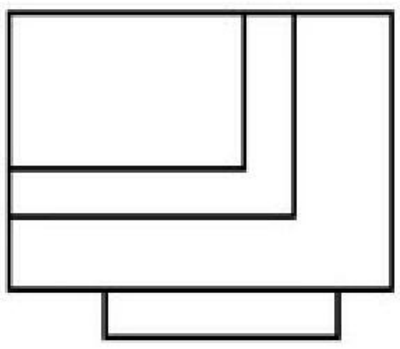
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67603328251.



67603328252.

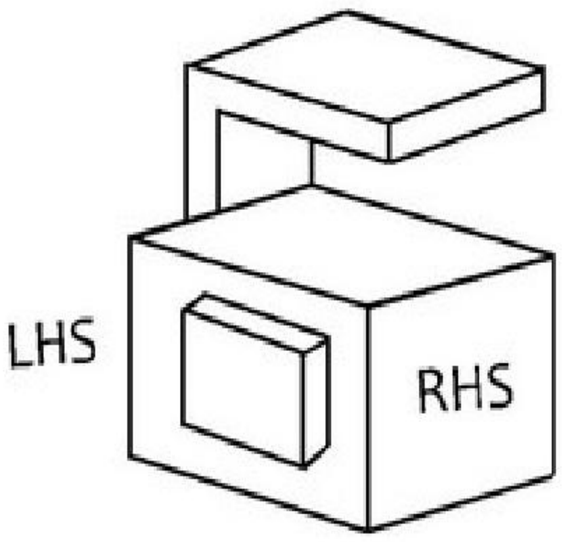


Question Number : 54 Question Id : 6760337703 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

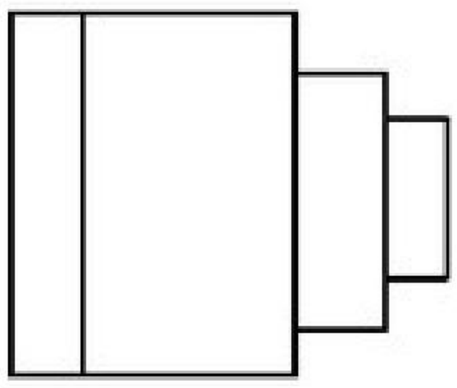
Correct Marks : 4 Wrong Marks : 1

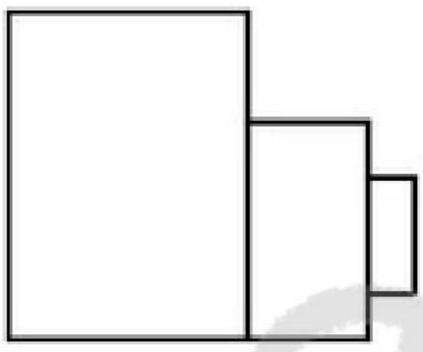
ZOLLEGE.in

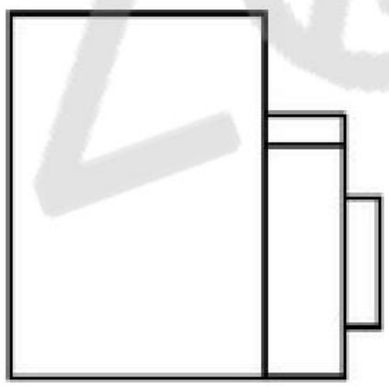
The 3D figure shows the view of an object. Identify the correct L.H.S. view, from the answer figures.

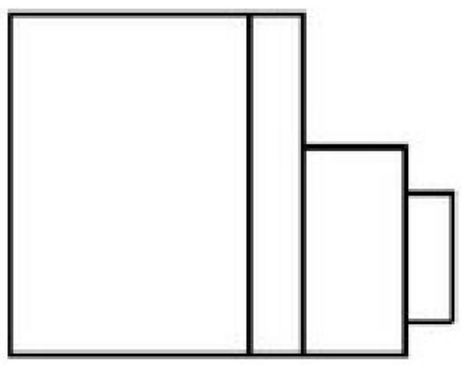


Options :

67603328253. 

67603328254. 

67603328255. 

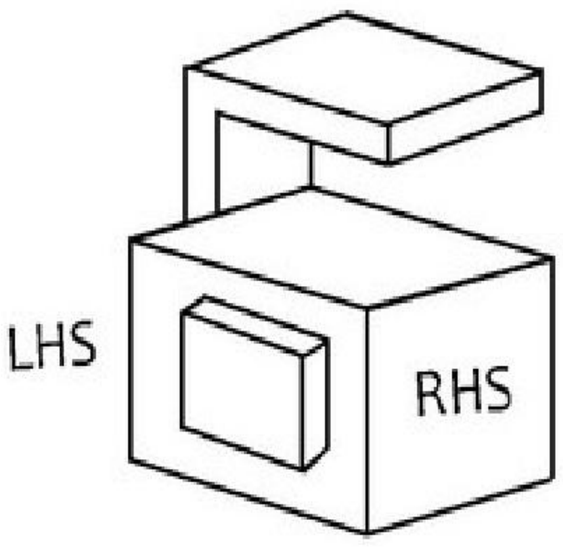
67603328256. 

Question Number : 54 Question Id : 6760337703 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

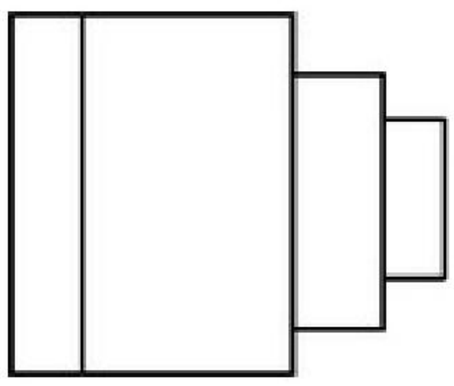
Correct Marks : 4 Wrong Marks : 1

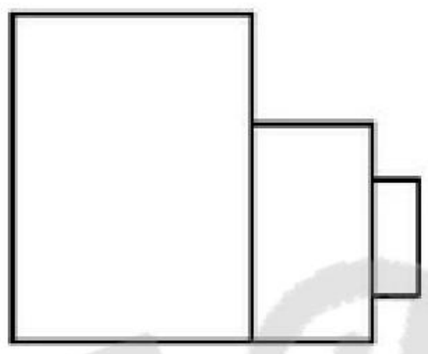
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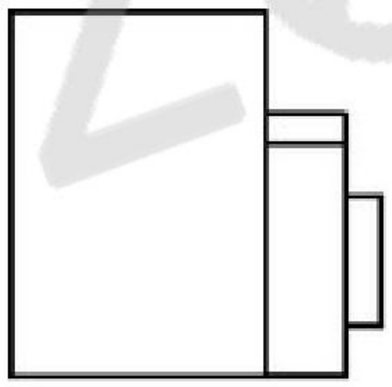
3D आकृति में, एक वस्तु के एक दृश्य को दिखाया गया है । इसका बायीं तरफ का सही दृश्य, उत्तर आकृतियों में से पहचानिये ।

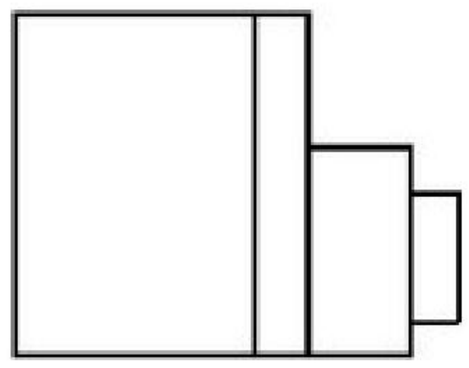


Options :

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67603328255. 

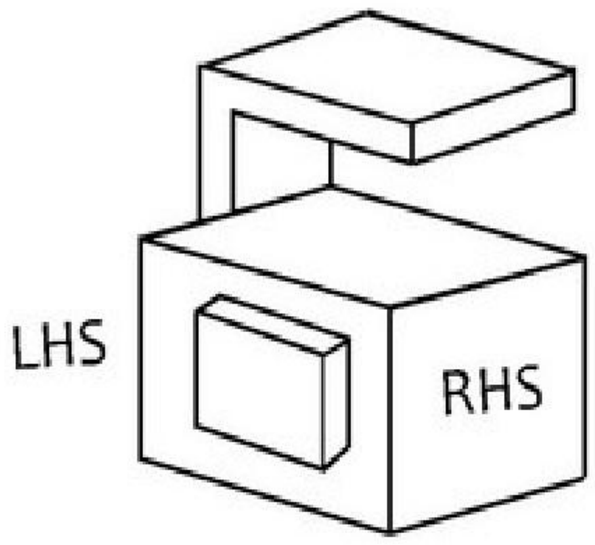
67603328256. 

Question Number : 54 Question Id : 6760337703 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

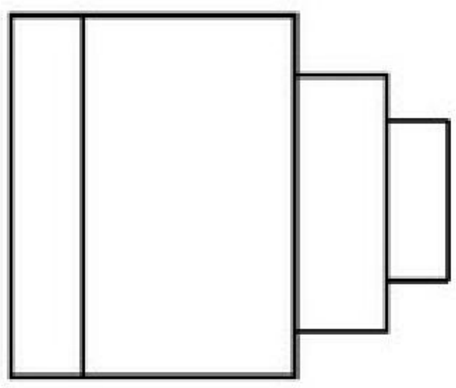
Correct Marks : 4 Wrong Marks : 1

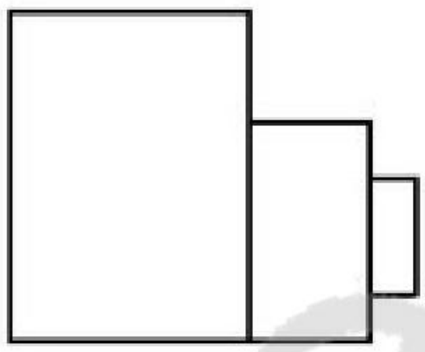
ZOLLEGE.in

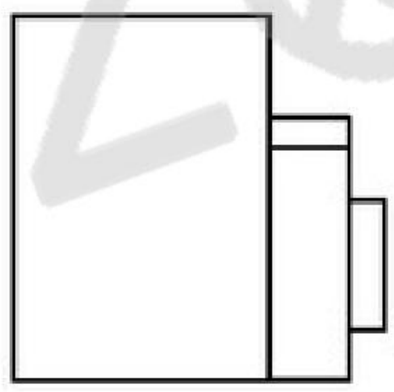
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ اس کا بائیں طرف کا نظارہ کیا ہوگا ؟

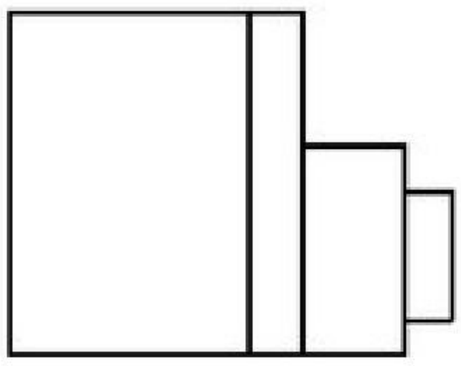


Options :

67603328253. 

67603328254. 

67603328255. 

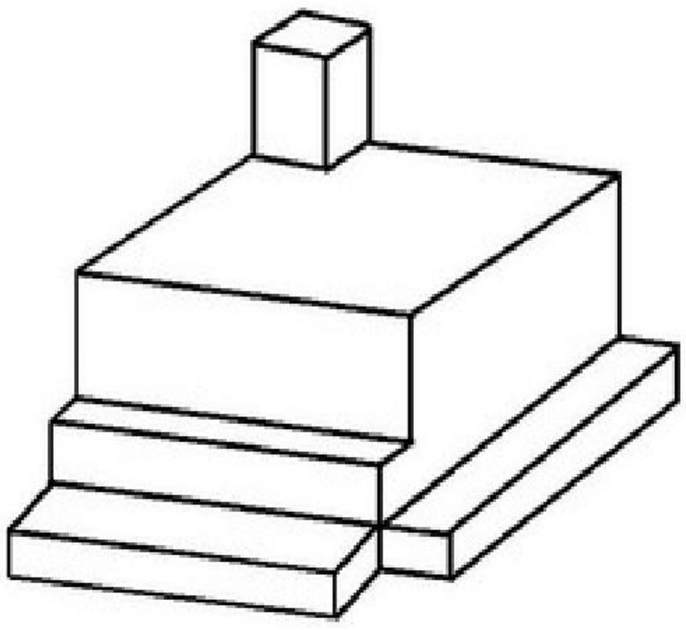
67603328256. 

Question Number : 55 Question Id : 6760337704 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

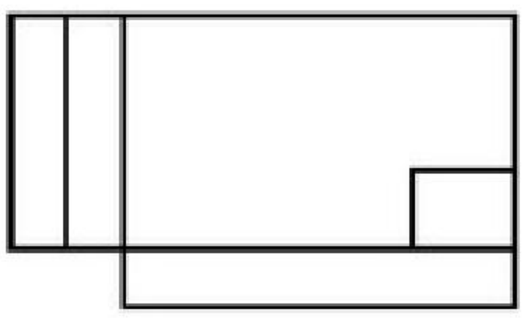
Correct Marks : 4 Wrong Marks : 1

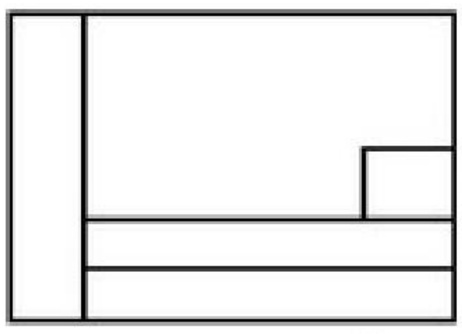
ZOLLEGE.in

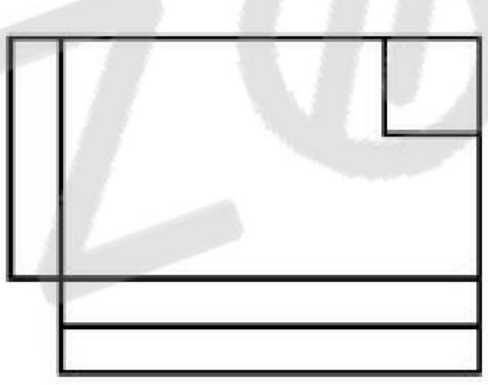
The 3D figure shows the view of an object. Identify the correct top view from the answer figures.

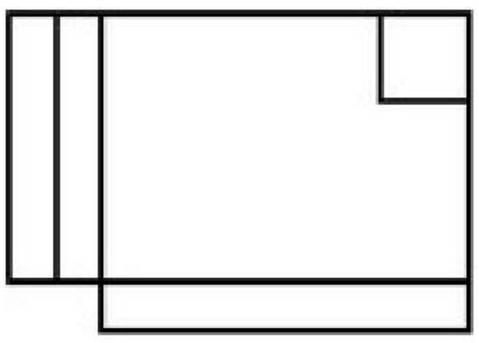


Options :

67603328257. 

67603328258. 

67603328259. 

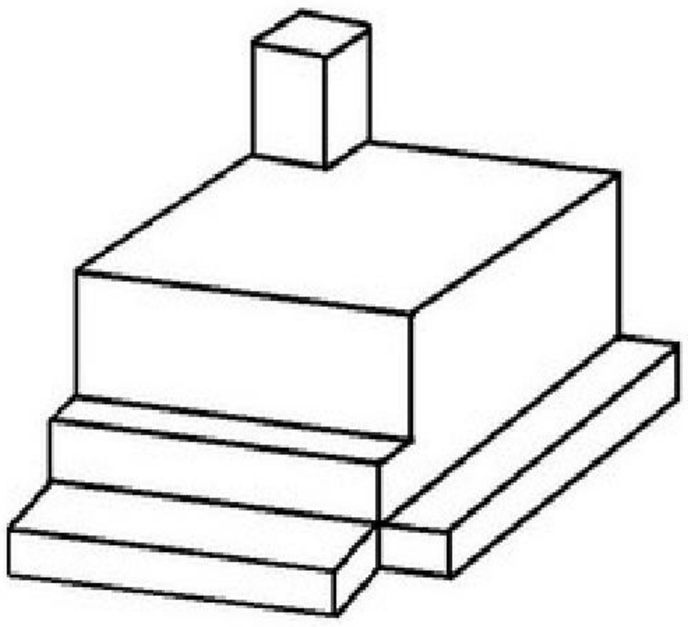
67603328260. 

Question Number : 55 Question Id : 6760337704 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

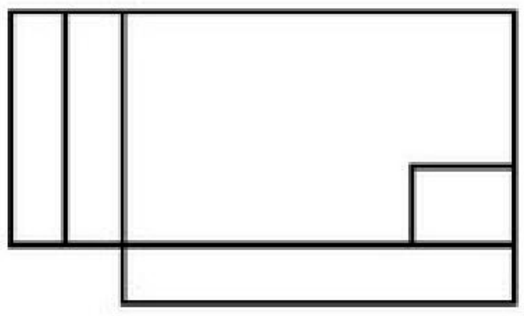
Correct Marks : 4 Wrong Marks : 1

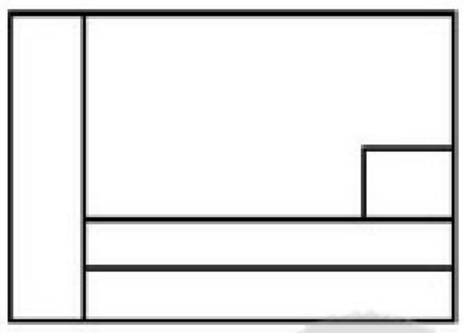
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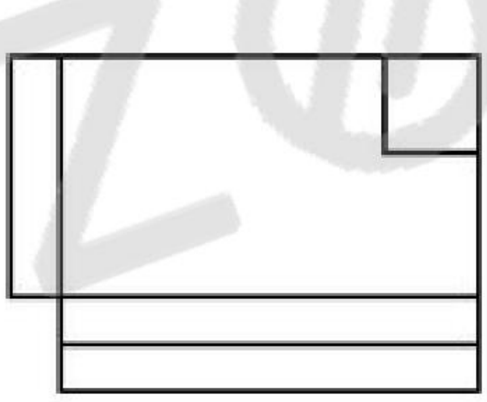
3D आकृति में, एक वस्तु के एक दृश्य को दिखाया गया है । उसका उपरी दृश्य (टॉप व्यु) उत्तर आकृतियों में से पहचानिये ।

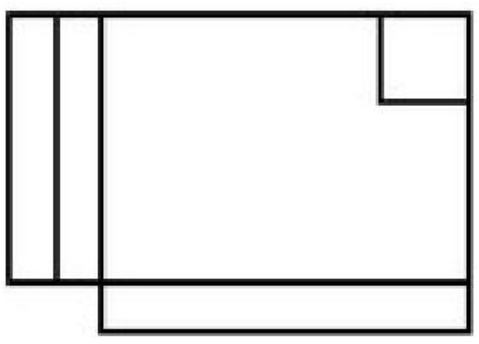


Options :

67603328257. 

67603328258. 

67603328259. 

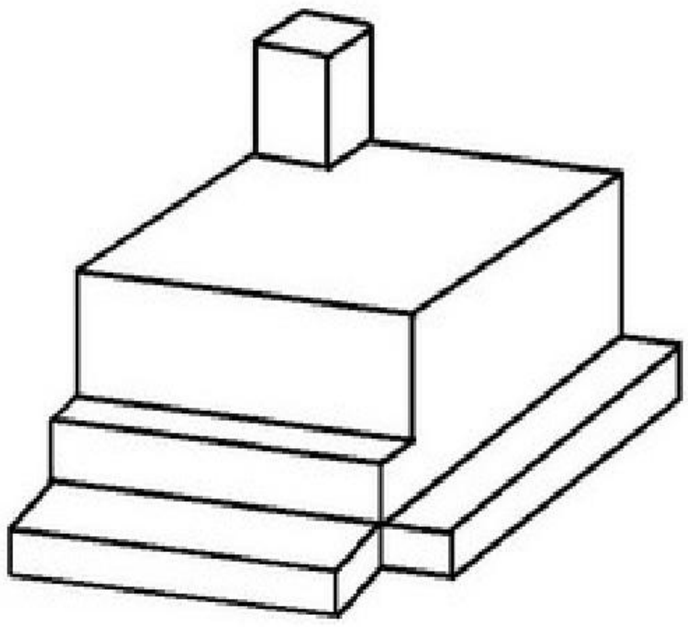
67603328260. 

Question Number : 55 Question Id : 6760337704 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

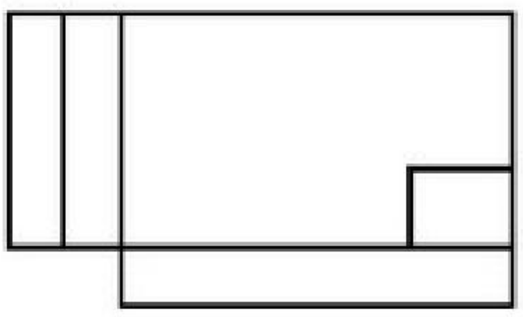
Correct Marks : 4 Wrong Marks : 1

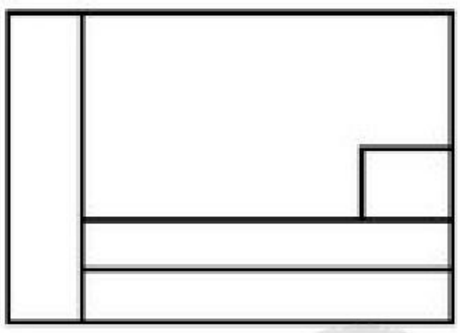
ZOLLEGE.in

دی ہوئی سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ اس کا ٹاپ ویئو جوابی نقشہ میں سے پہچانئے۔

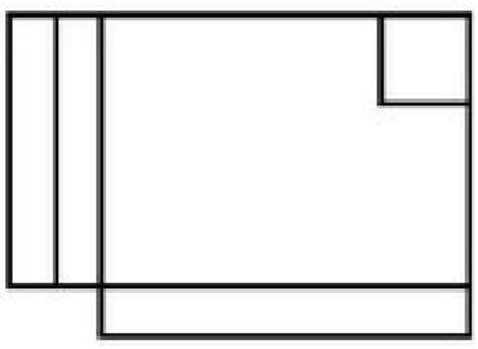


Options :

67603328257. 

67603328258. 

67603328259. 

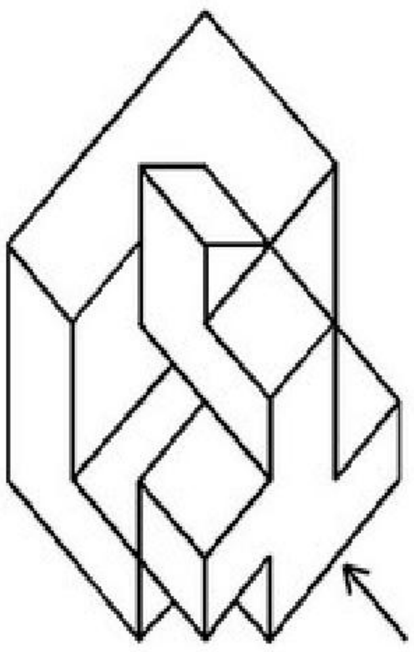
67603328260. 

Question Number : 56 Question Id : 6760337705 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

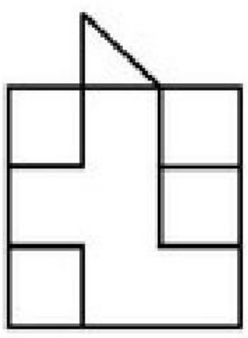
Correct Marks : 4 Wrong Marks : 1

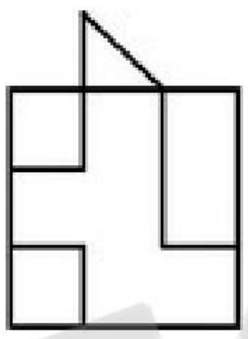
ZOLLEGE.in

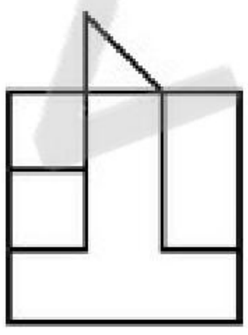
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow from the answer figures.

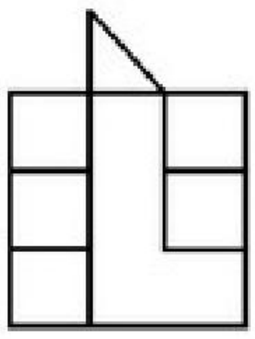


Options :

67603328261. 

67603328262. 

67603328263. 

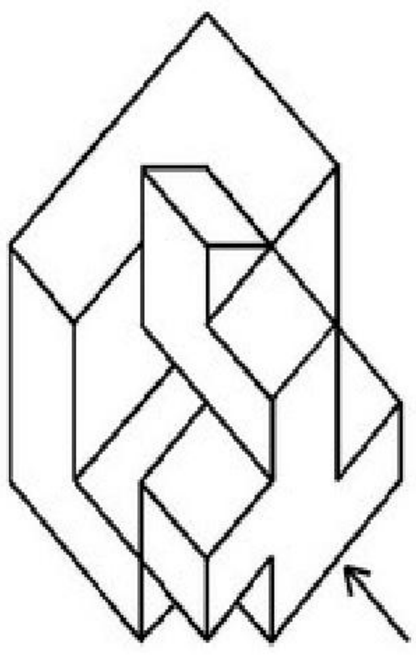
67603328264. 

Question Number : 56 Question Id : 6760337705 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

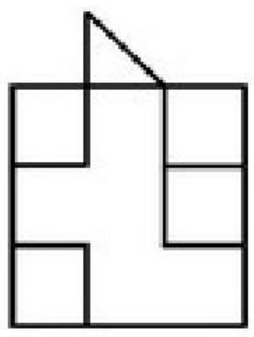
Correct Marks : 4 Wrong Marks : 1

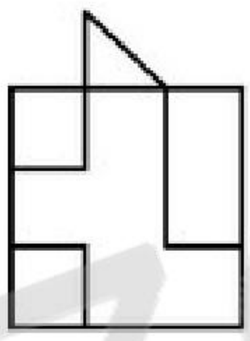
ZOLLEGE.in

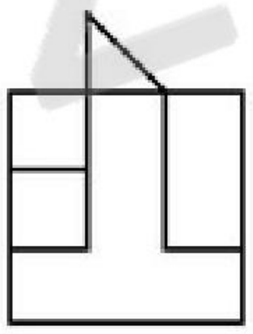
3D आकृति में, एक वस्तु के एक दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही दृश्य को उत्तर आकृतियों में से पहचानिये ।

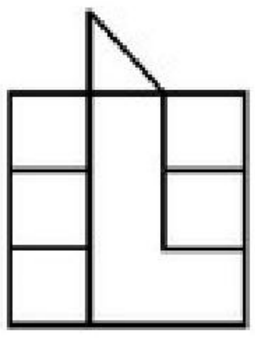


Options :

67603328261. 

67603328262. 

67603328263. 

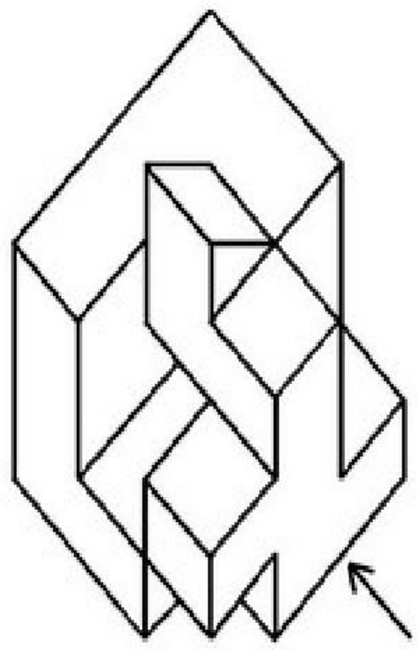
67603328264. 

Question Number : 56 Question Id : 6760337705 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

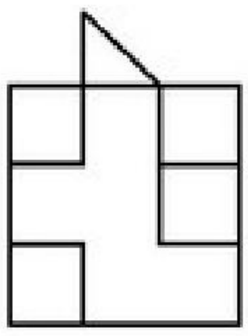
Correct Marks : 4 Wrong Marks : 1

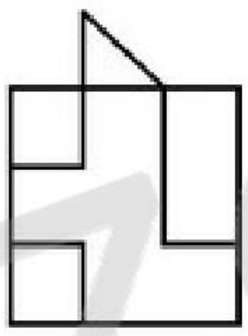
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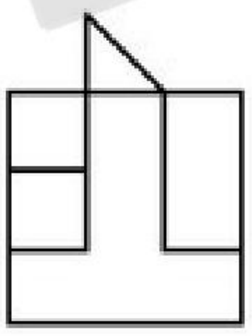
اس سہ بعدی تصویر میں ایک چیز (آبجکٹ) دکھائی گئی ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

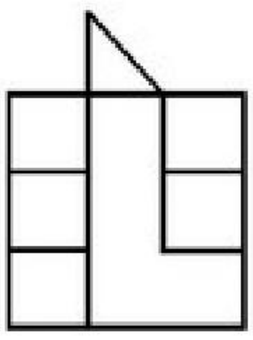


Options :

67603328261. 

67603328262. 

67603328263. 

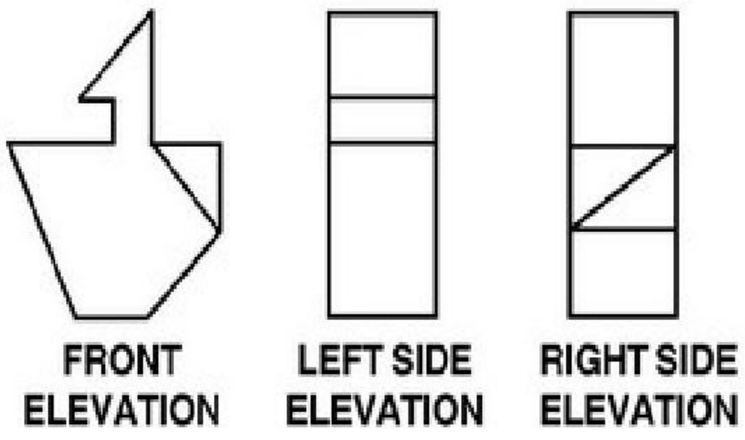
67603328264. 

Question Number : 57 Question Id : 6760337706 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

ZOLLEGE.in

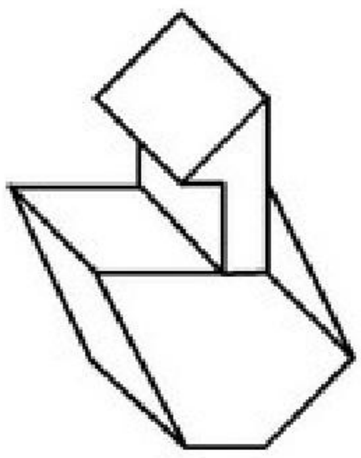
Correct Marks : 4 Wrong Marks : 1

Three views (Front view, Left hand side view, Right hand side view) are given. Combine them and Identify the correct 3-Dimensional view from the answer figures.

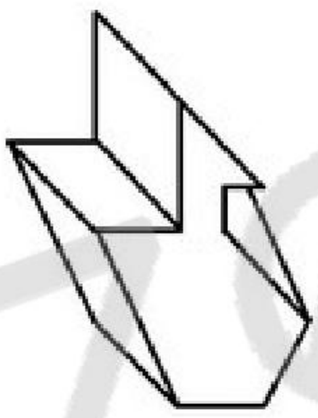


Options :

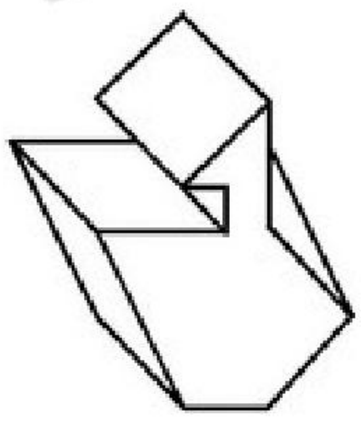
67603328265.



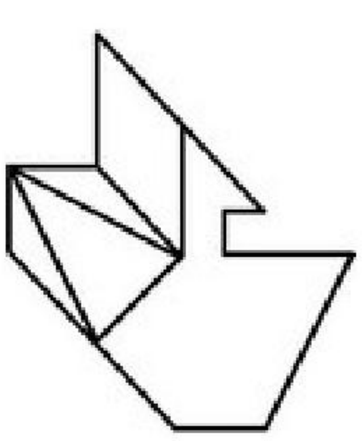
67603328266.



67603328267.



67603328268.



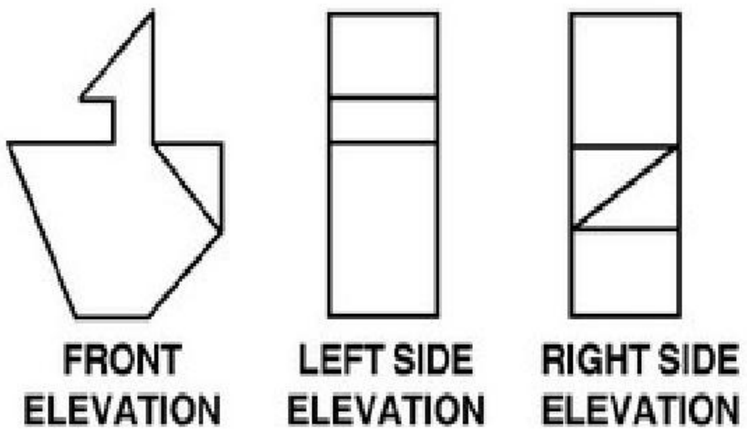
ZOLLEGE.in

Question Number : 57 Question Id : 6760337706 Question Type : MCQ Option Shuffling : Yes Is

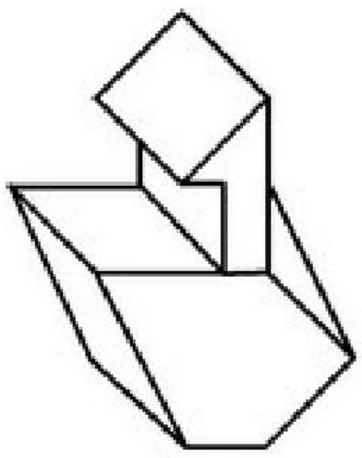
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

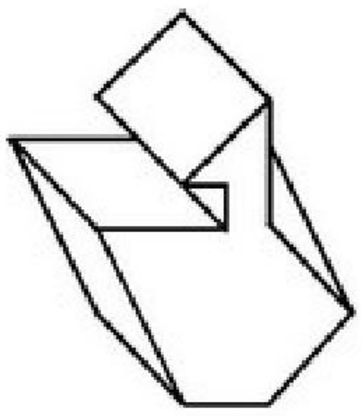
तीन दृश्य (सम्मुख दृश्य, बायीं तरफ का दृश्य, दायीं तरफ का दृश्य) दिए गए हैं । इनको मिलाइये तथा इसका सही त्रि–विमीय दृश्य, उत्तर आकृतियों में से पहचानिये ।

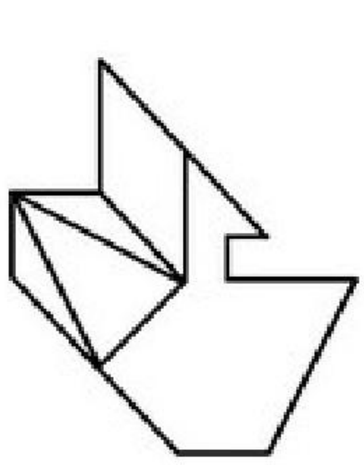


Options :

67603328265. 

67603328266. 

67603328267. 

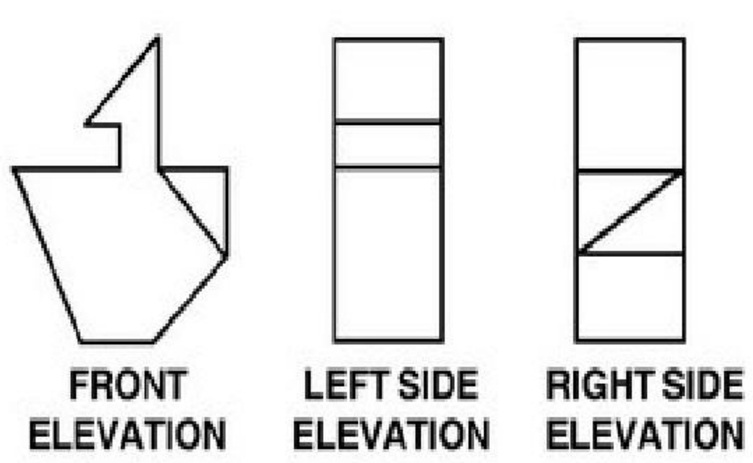
67603328268. 

ZOLLEGE.in

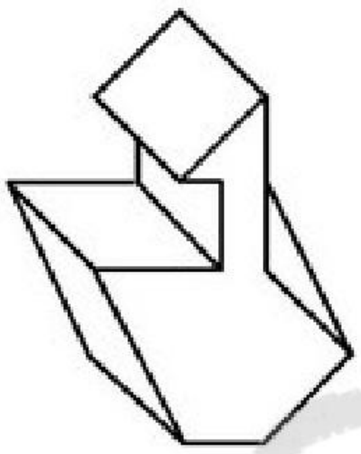
Question Number : 57 Question Id : 6760337706 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

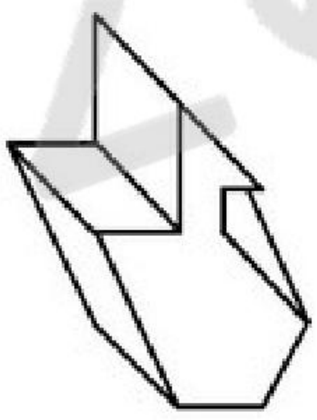
Correct Marks : 4 Wrong Marks : 1

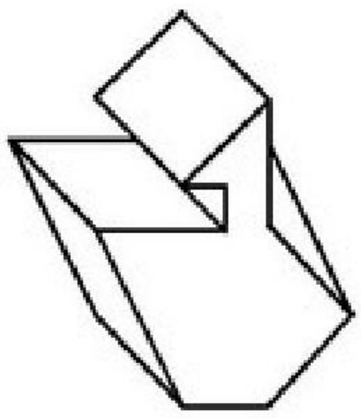
नीचे तीन नज़ारे दिये गये हैं (सामने का, बाईं तरफ का, दाईं तरफ का)। ये तीनों को जोड़ने पर सही सम बनी नज़ारा क्या होगा ?



Options :

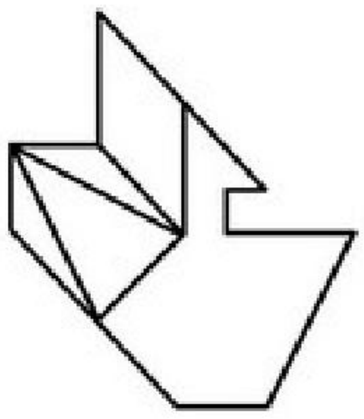
67603328265. 

67603328266. 

67603328267. 

67603328268.

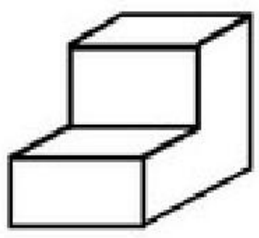
ZOLLEGE.in



Question Number : 58 Question Id : 6760337707 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

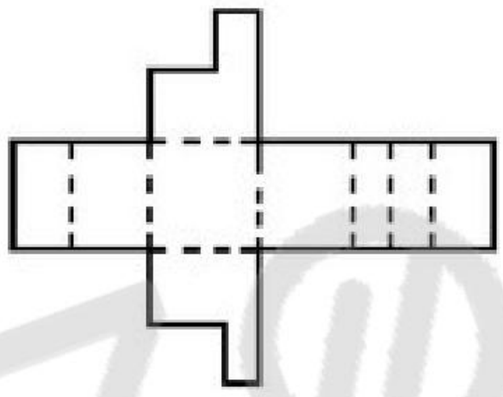
Correct Marks : 4 Wrong Marks : 1

Which of the following answer figure shows the correct view of the 3-D image unfold ?

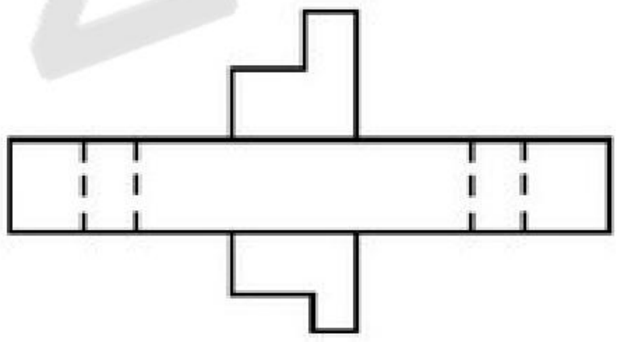


Options :

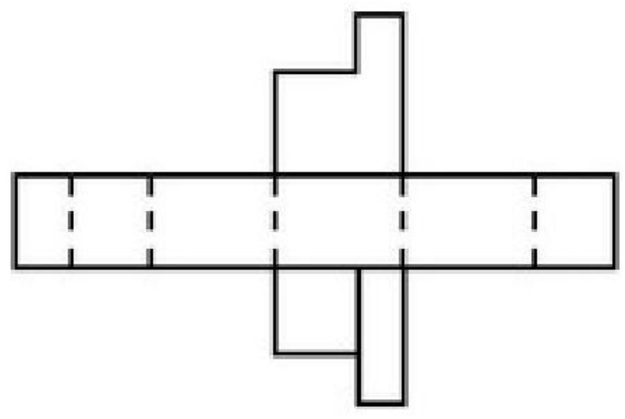
67603328269.



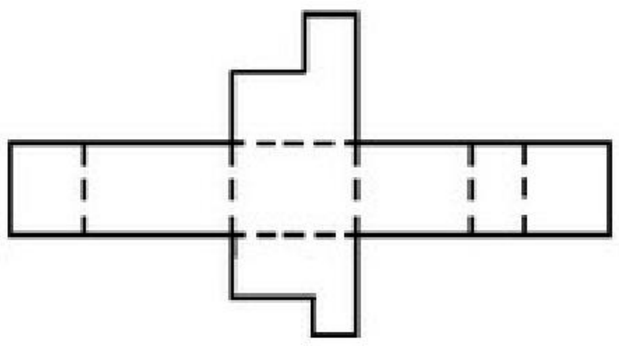
67603328270.



67603328271.



67603328272.

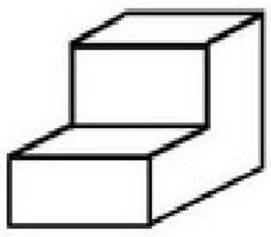


ZOLLEGE.in

Question Number : 58 Question Id : 6760337707 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

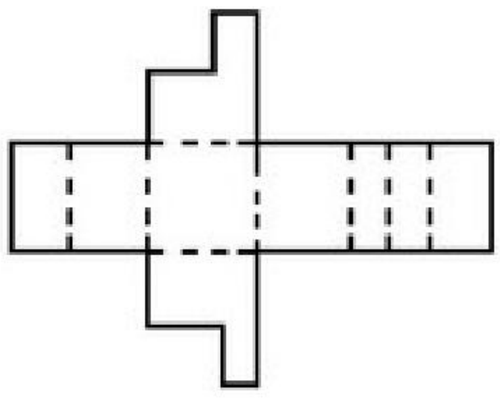
Correct Marks : 4 Wrong Marks : 1

निम्न उत्तर आकृतियों में से कौन सी, 3-D आकृति का खुला हुआ सही दृश्य दिखाती है ?

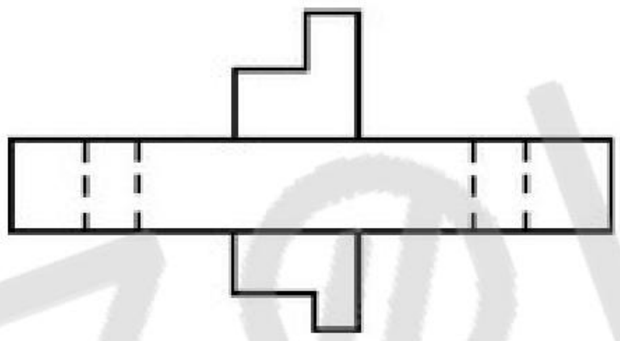


Options :

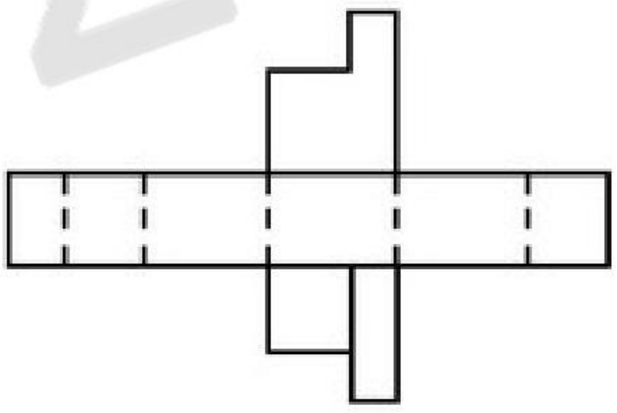
67603328269.



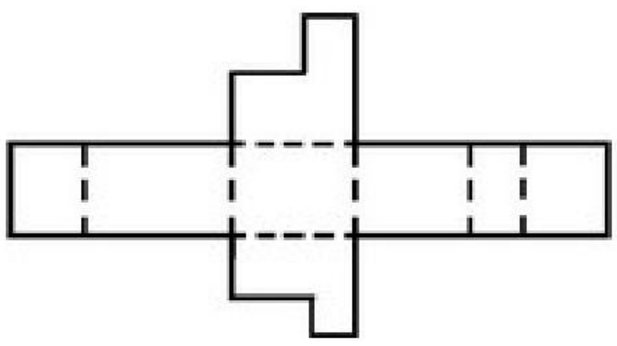
67603328270.



67603328271.



67603328272.

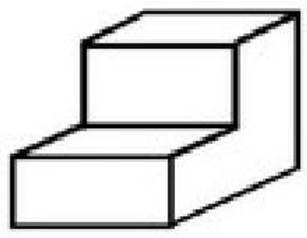


Question Number : 58 Question Id : 6760337707 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

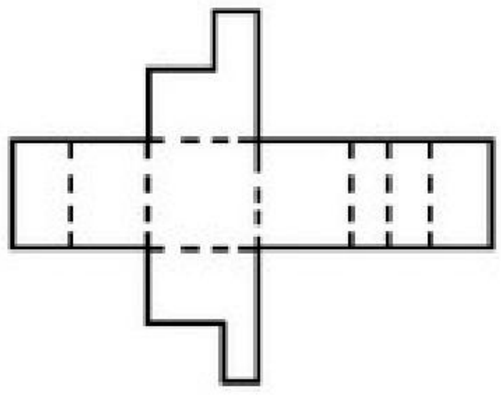
ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

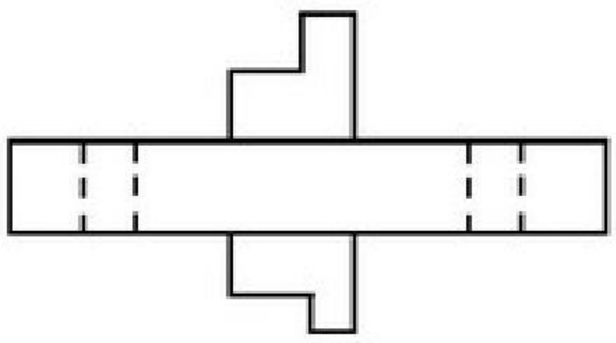
اس سہ بعدی تصویر کو کھولنے پر اس کا صحیح نظارہ کیا ہوگا ؟



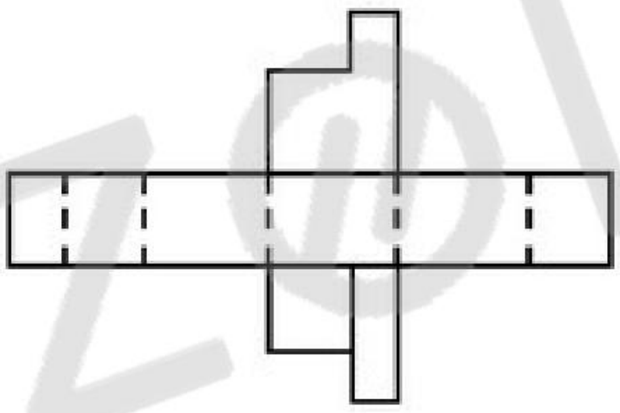
Options :



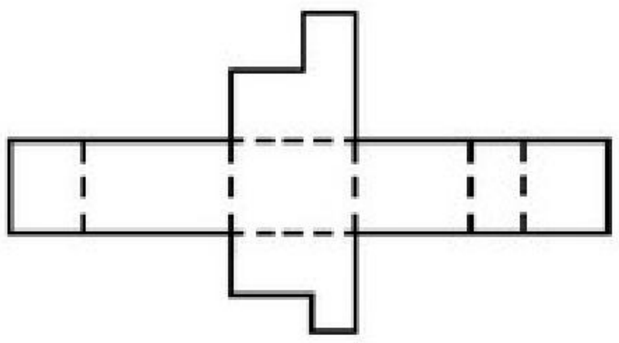
67603328269.



67603328270.



67603328271.



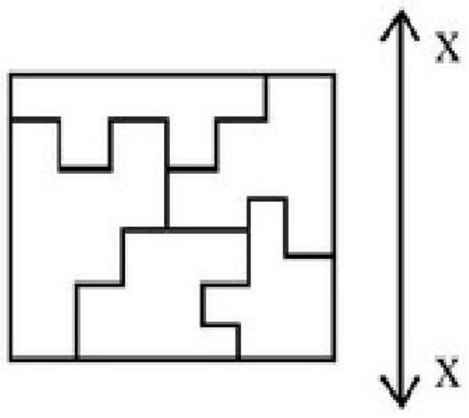
67603328272.

Question Number : 59 Question Id : 6760337708 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

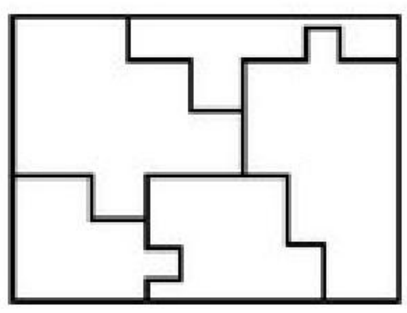
Correct Marks : 4 Wrong Marks : 1

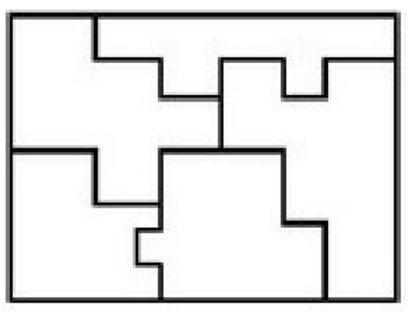
ZOLLEGE.in

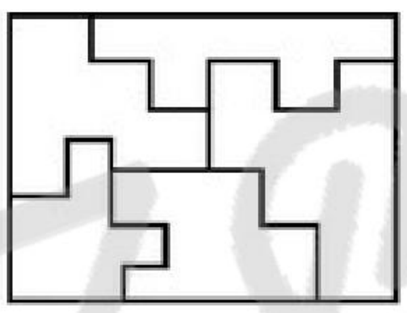
Which one of the answer figures is the correct mirror image of the problem figure with respect to x-x ?

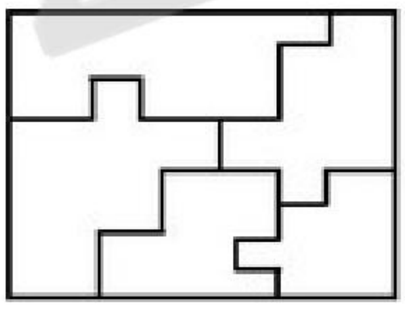


Options :

67603328273. 

67603328274. 

67603328275. 

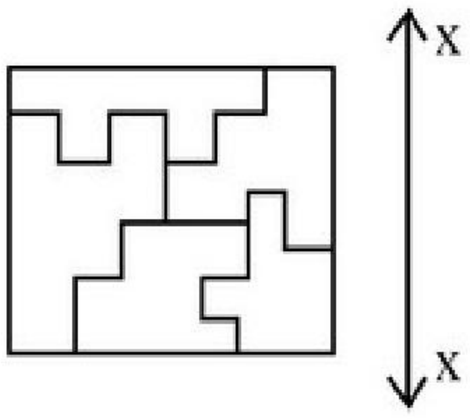
67603328276. 

Question Number : 59 Question Id : 6760337708 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

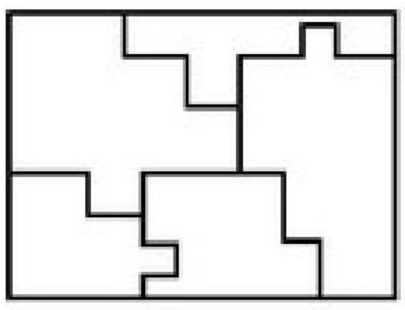
Correct Marks : 4 Wrong Marks : 1

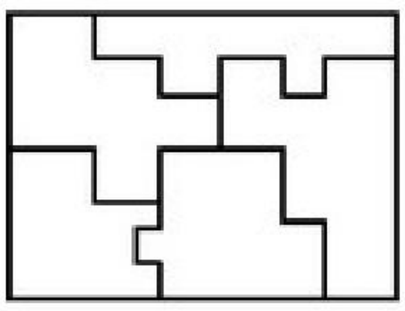
ZOLLEGE.in

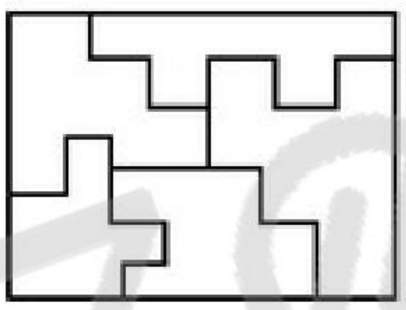
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का x-x के सापेक्ष सही प्रतिबिम्ब है ?

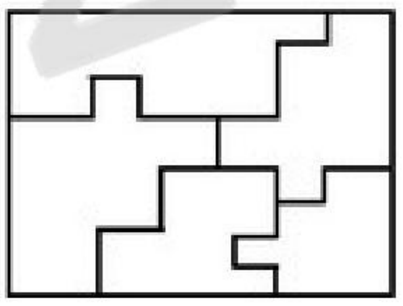


Options :

67603328273. 

67603328274. 

67603328275. 

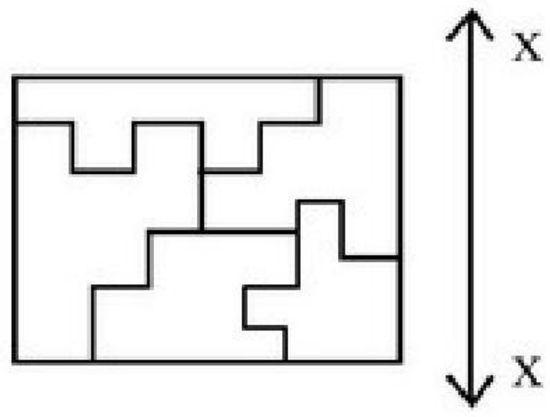
67603328276. 

Question Number : 59 Question Id : 6760337708 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

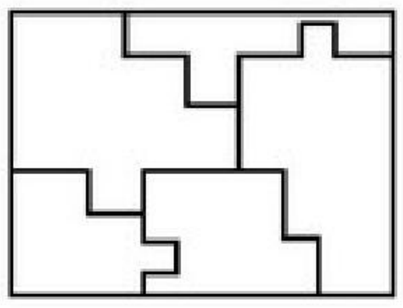
Correct Marks : 4 Wrong Marks : 1

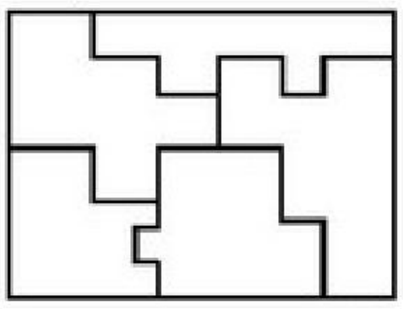
ZOLLEGE.in

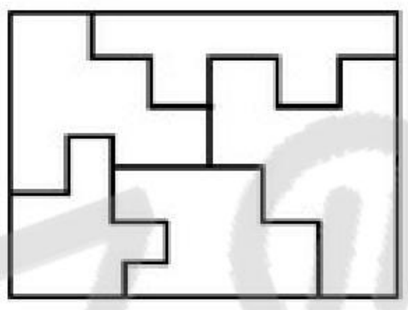
ان میں سے کونسا نقشہ دی ہوئی سوالیہ تصویر x–x کے متعلق اُس کی عکس-تصویر ہے ؟

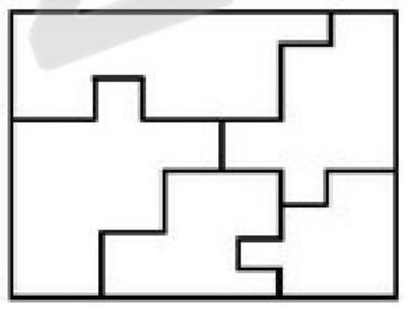


Options :

67603328273. 

67603328274. 

67603328275. 

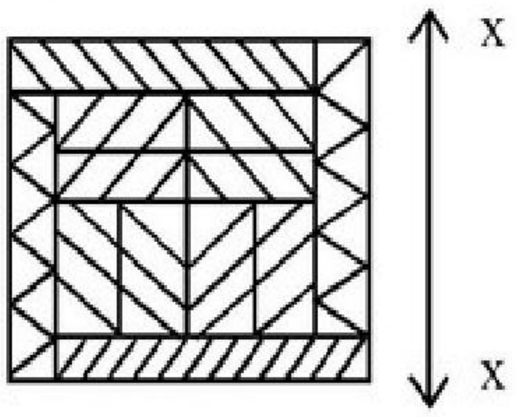
67603328276. 

Question Number : 60 Question Id : 6760337709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

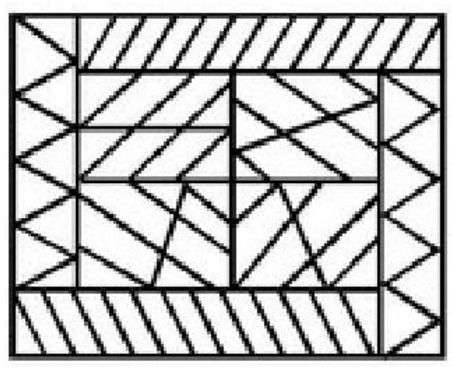
Correct Marks : 4 Wrong Marks : 1

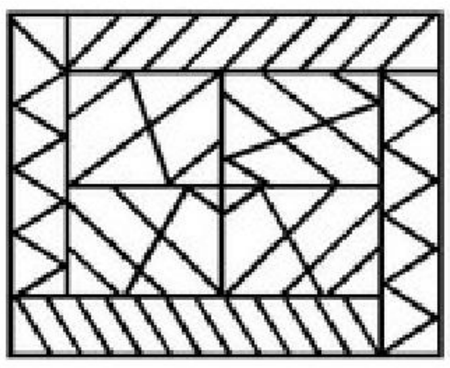
ZOLLEGE.in

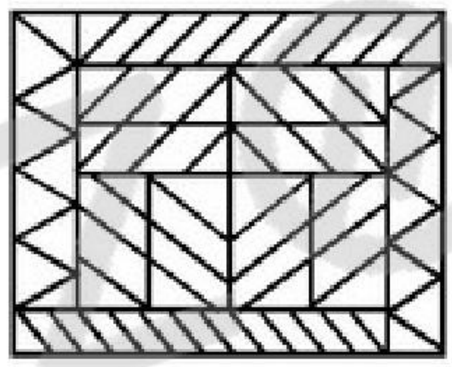
Which one of the answer figures is the correct Mirror image of the problem figure with respect to x-x ?

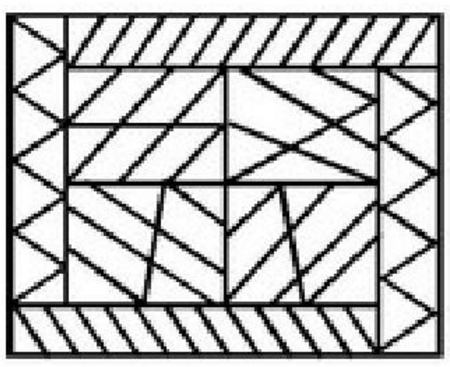


Options :

67603328277. 

67603328278. 

67603328279. 

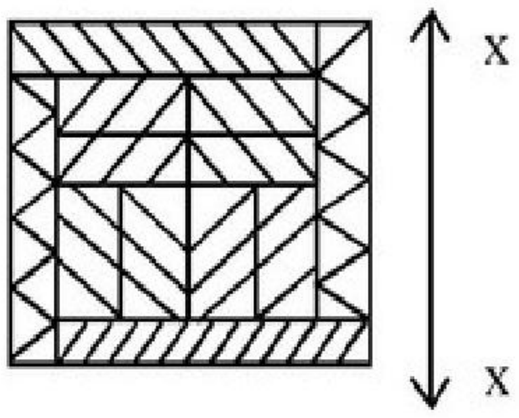
67603328280. 

Question Number : 60 Question Id : 6760337709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

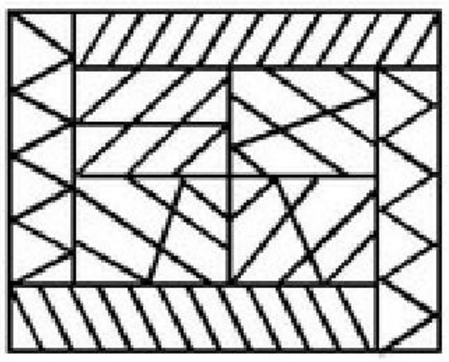
Correct Marks : 4 Wrong Marks : 1

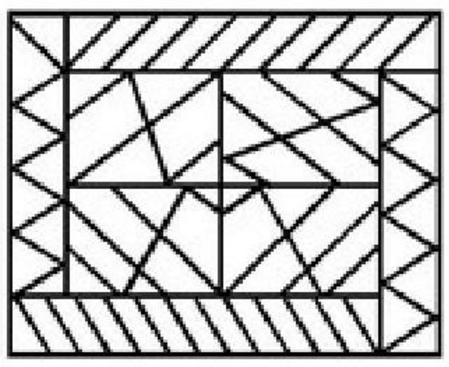
ZOLLEGE.in

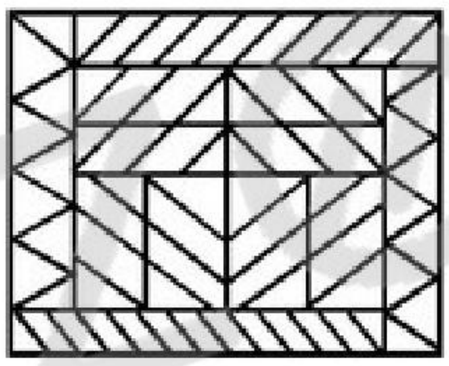
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का x-x के सापेक्ष सही प्रतिबिम्ब है ?

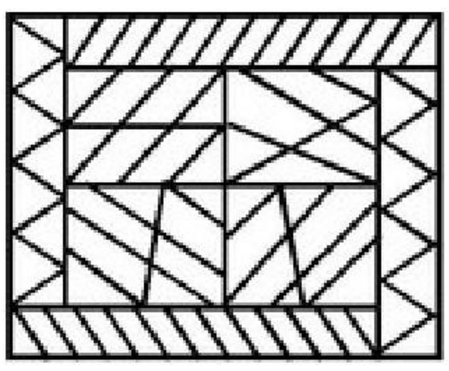


Options :

67603328277. 

67603328278. 

67603328279. 

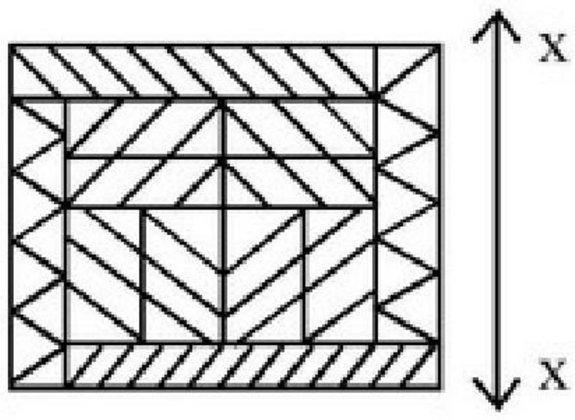
67603328280. 

Question Number : 60 Question Id : 6760337709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

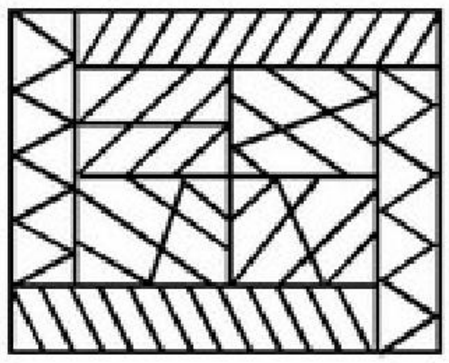
Correct Marks : 4 Wrong Marks : 1

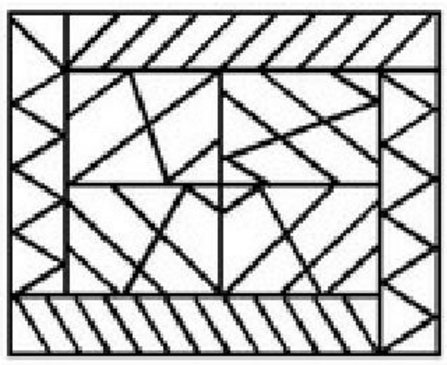
ZOLLEGE.in

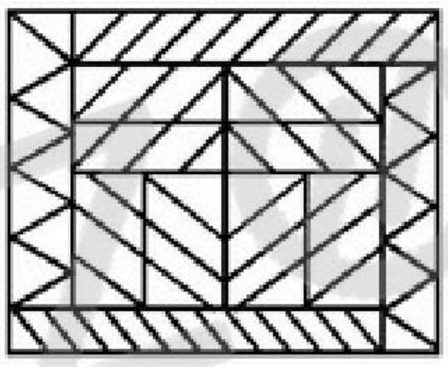
ان میں سے کونسا نقشہ دی ہوئی سوالیہ تصویر x–x کے متعلق اُس کی عکس-تصویر ہے ؟

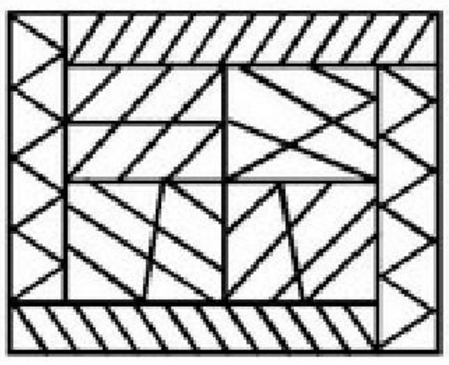


Options :

67603328277. 

67603328278. 

67603328279. 

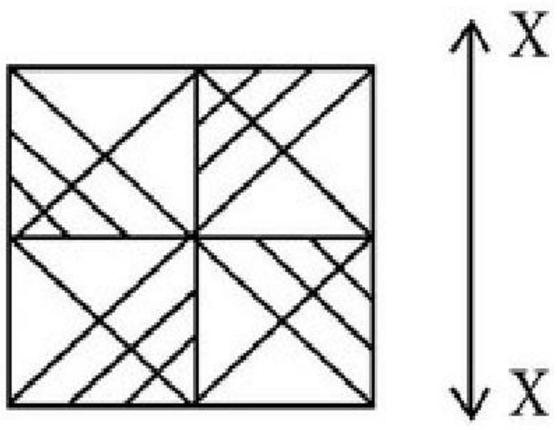
67603328280. 

Question Number : 61 Question Id : 6760337710 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

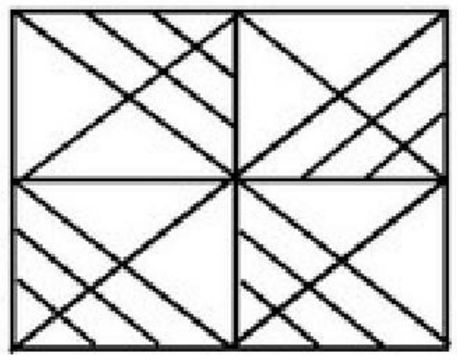
Correct Marks : 4 Wrong Marks : 1

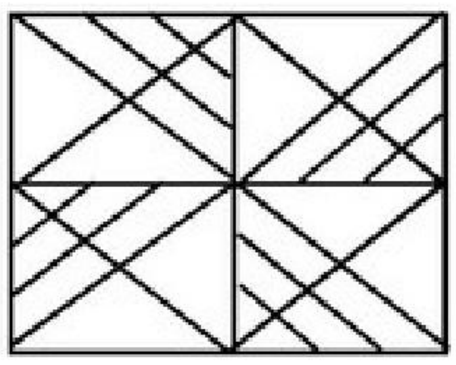
ZOLLEGE.in

Which one of the answer figure is the correct Mirror image of the problem figure with respect to X-X ?

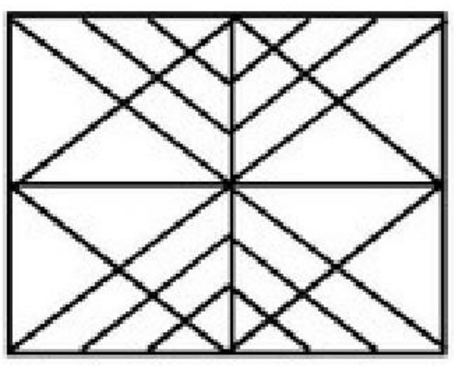


Options :

67603328281. 

67603328282. 

67603328283.

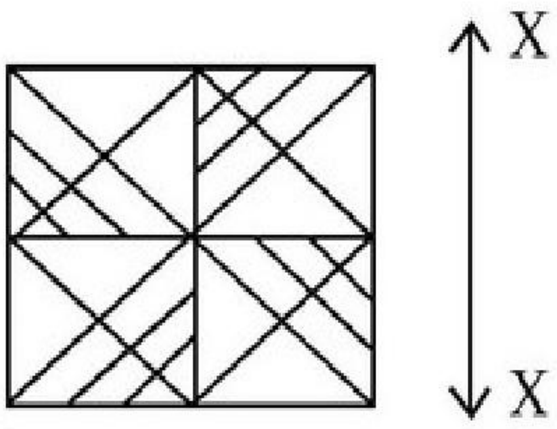
67603328284. 

Question Number : 61 Question Id : 6760337710 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

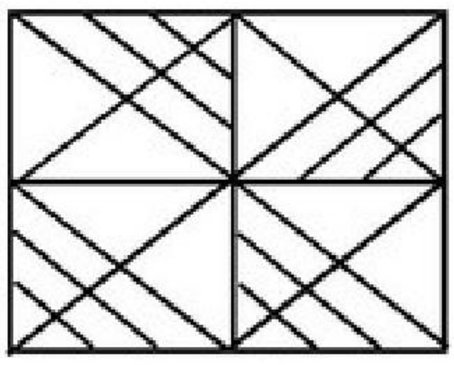
Correct Marks : 4 Wrong Marks : 1

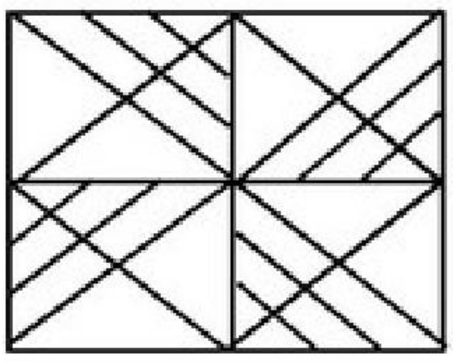
ZOLLEGE.in

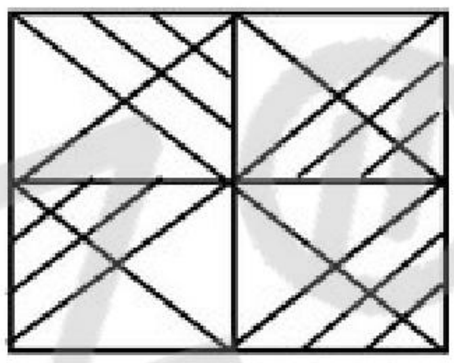
उत्तर आकृतियों में से कौन सी आकृति दी गयी प्रश्न आकृति का X-X के सापेक्ष सही प्रतिबिम्ब है ?

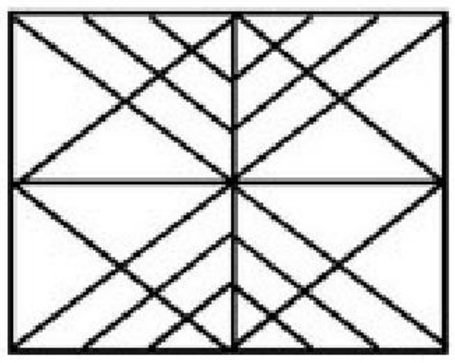


Options :

67603328281. 

67603328282. 

67603328283. 

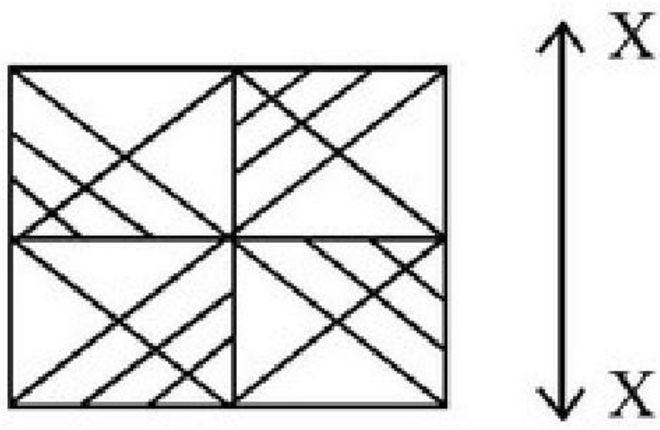
67603328284. 

Question Number : 61 Question Id : 6760337710 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

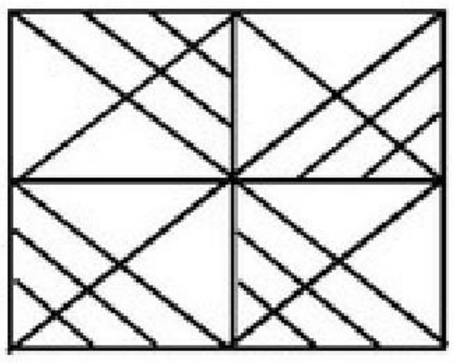
Correct Marks : 4 Wrong Marks : 1

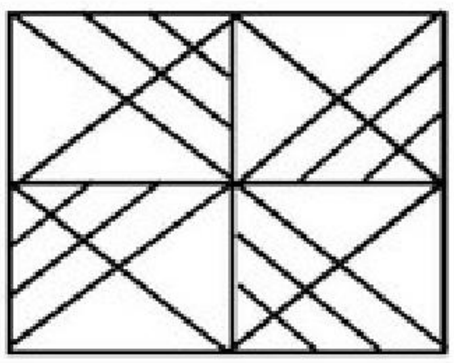
ZOLLEGE.in

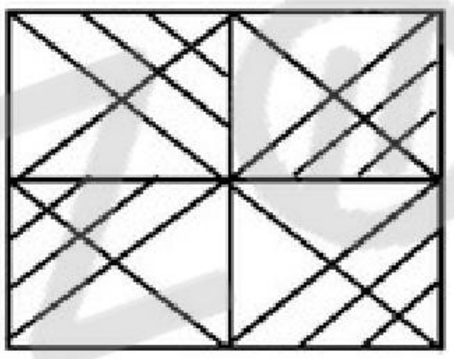
ان میں سے کونسا نقشہ دی ہوئی سوالیہ تصویر x–x کے متعلق اُس کی عکس-تصویر ہے ؟

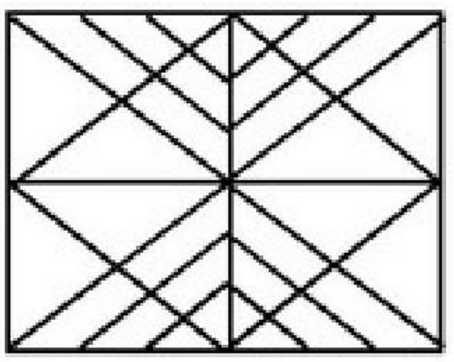


Options :

67603328281. 

67603328282. 

67603328283. 

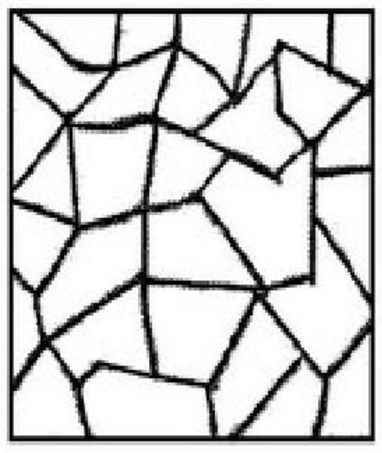
67603328284. 

Question Number : 62 Question Id : 6760337711 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

One of the following answer figure is hidden in the problem figure in the same size and direction. Select the correct one.

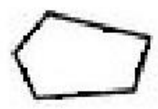


Options :

67603328285. 

67603328286. 

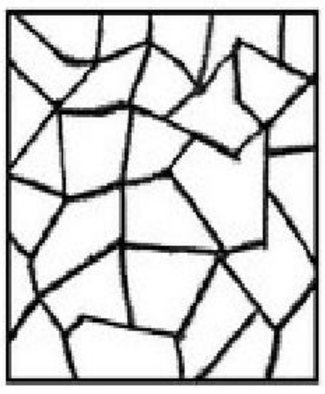
67603328287. 

67603328288. 

Question Number : 62 Question Id : 6760337711 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से एक उत्तर चित्र उसी आकार तथा दिशा में प्रश्न चित्र में छिपा हुआ है । सही उत्तर को चुनिए ।



Options :

67603328285. 

67603328286.

ZOLLEGE.in



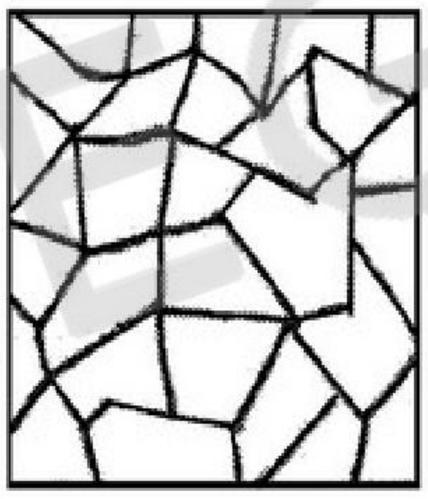
67603328287. 

67603328288. 

Question Number : 62 Question Id : 6760337711 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

جان میں سے کونسا ٹکڑا ہے جو کہ اُسی ناپ اور اُس سمت میں ہے جو کہ اس سوالیہ تصویر کا حِصّہ ہے ؟



Options :

67603328285. 

67603328286. 

67603328287. 

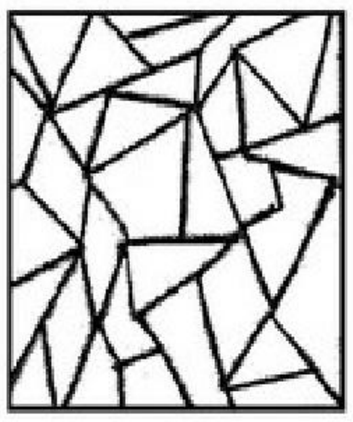
67603328288. 

Question Number : 63 Question Id : 6760337712 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

ZOLLEGE.in

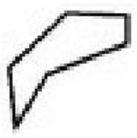
Correct Marks : 4 Wrong Marks : 1

One of the following answer figure is hidden in the problem figure in the same size and direction. Select the correct one.



Options :

67603328289. 

67603328290. 

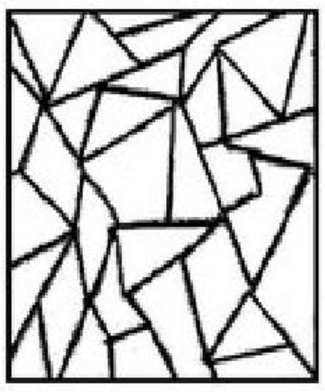
67603328291. 

67603328292. 

Question Number : 63 Question Id : 6760337712 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से एक उत्तर चित्र उसी आकार तथा दिशा में प्रश्न चित्र में छिपा हुआ है । सही उत्तर को चुनिए ।



Options :

67603328289. 

ZOLLEGE.in

67603328290. 

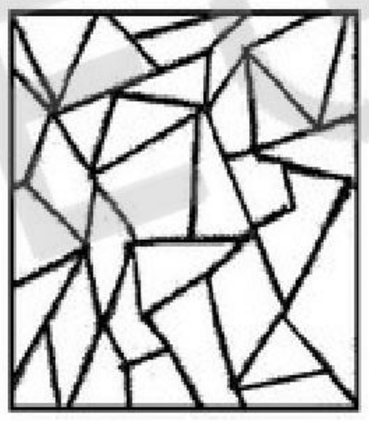
67603328291. 

67603328292. 

Question Number : 63 Question Id : 6760337712 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

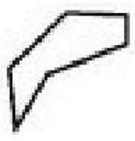
Correct Marks : 4 Wrong Marks : 1

ان میں سے کونسا ٹکڑا ہے جو کہ اُسی ناپ اور اُسی سمت میں ہے جو کہ اس سوالیہ تصویر کا حصّہ ہے؟



Options :

67603328289. 

67603328290. 

67603328291. 

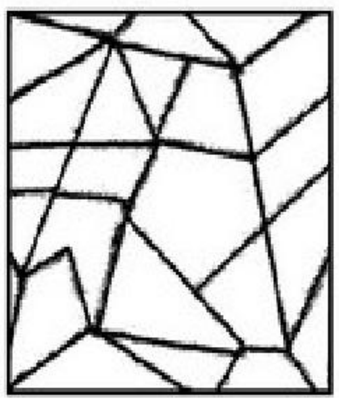
67603328292. 

Question Number : 64 Question Id : 6760337713 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

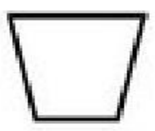
ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

One of the following answer figures is hidden in the problem figure in the same size and direction. Select the correct one.



Options :

67603328293. 

67603328294. 

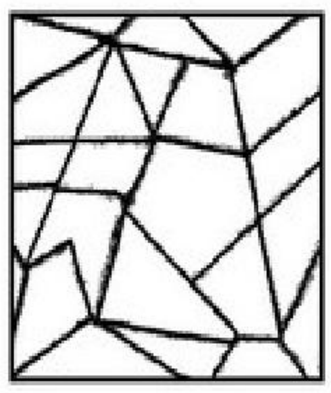
67603328295. 

67603328296. 

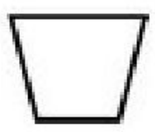
Question Number : 64 Question Id : 6760337713 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से एक उत्तर चित्र उसी आकार तथा दिशा में प्रश्न चित्र में छिपा हुआ है । सही उत्तर को चुनिए ।



Options :

67603328293. 

ZOLLEGE.in

67603328294. 

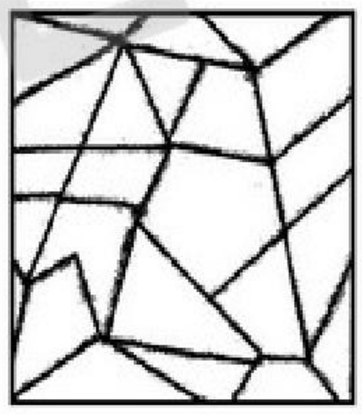
67603328295. 

67603328296. 

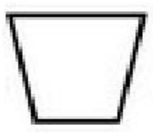
Question Number : 64 Question Id : 6760337713 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے کونسا ٹکڑا ہے جو کہ اُسی ناپ اور اُسی سمت میں ہے جو کہ اس سوالیہ تصویر کا حصّہ ہے؟



Options :

67603328293. 

67603328294. 

67603328295. 

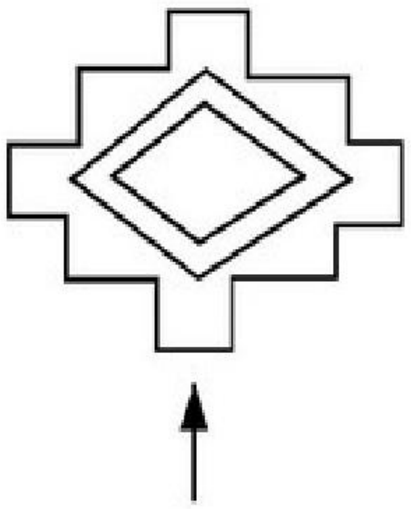
67603328296. 

ZOLLEGE.in

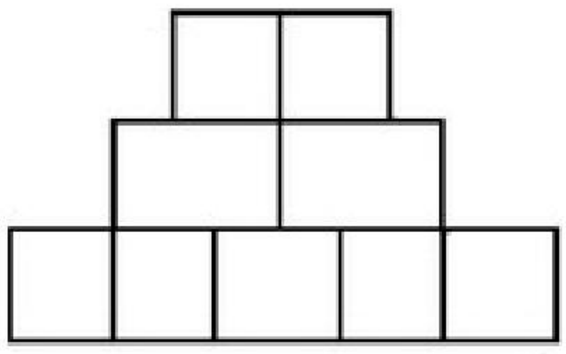
Question Number : 65 Question Id : 6760337714 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

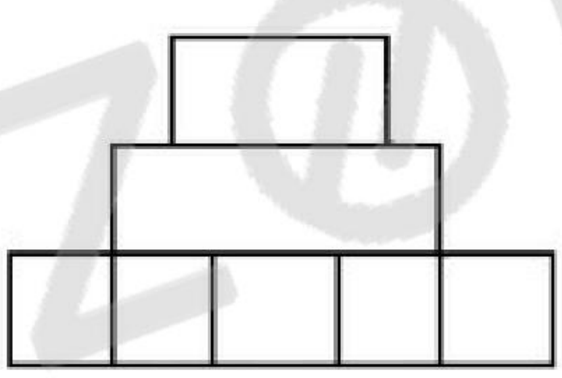
Correct Marks : 4 Wrong Marks : 1

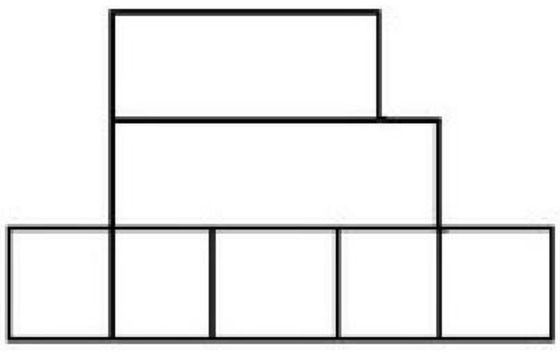
The problem figure shows the top view of an object. Identify the correct elevation from the figures looking in the direction of arrow.

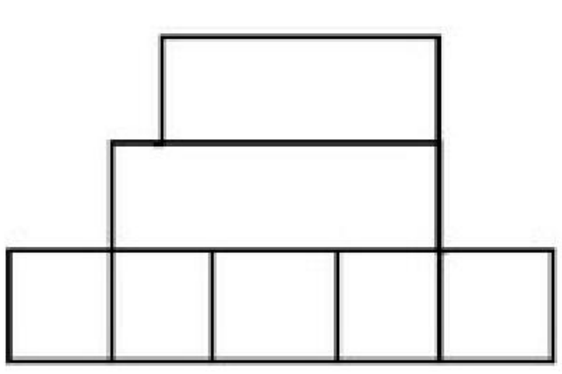


Options :

67603328297. 

67603328298. 

67603328299. 

67603328300. 

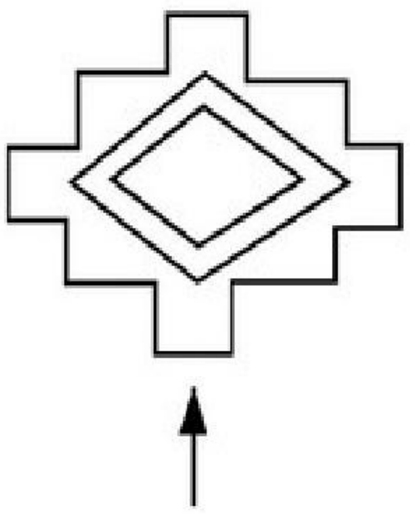
ZOLLEGE.in

Question Number : 65 Question Id : 6760337714 Question Type : MCQ Option Shuffling : Yes Is

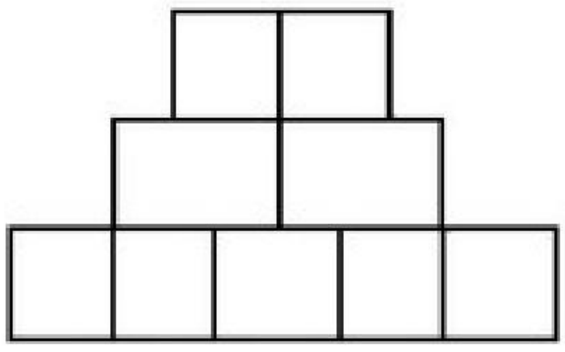
Question Mandatory : No

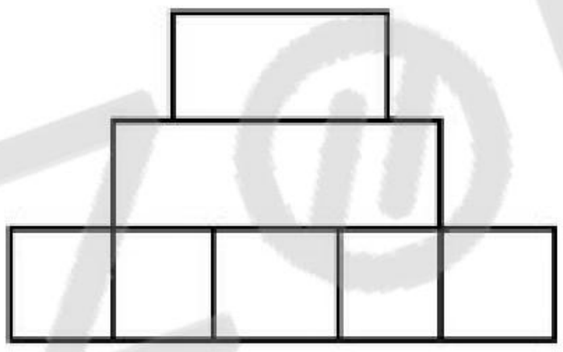
Correct Marks : 4 Wrong Marks : 1

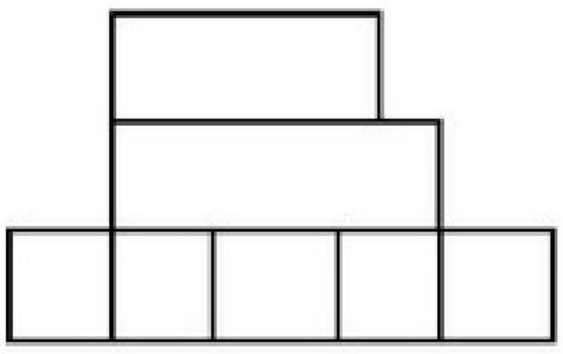
प्रश्न आकृति में एक वस्तु के ऊपरी दृश्य को दिखाया गाय है । तीर की दिशा में देखते हुए, दी गई आकृतियों में से सही एलीवेंशन (elevation) पहचानिये ।

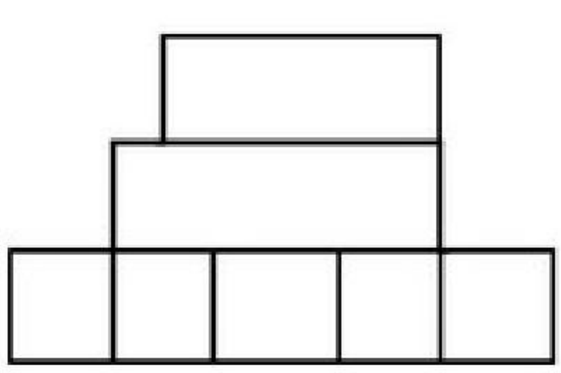


Options :

67603328297. 

67603328298. 

67603328299. 

67603328300. 

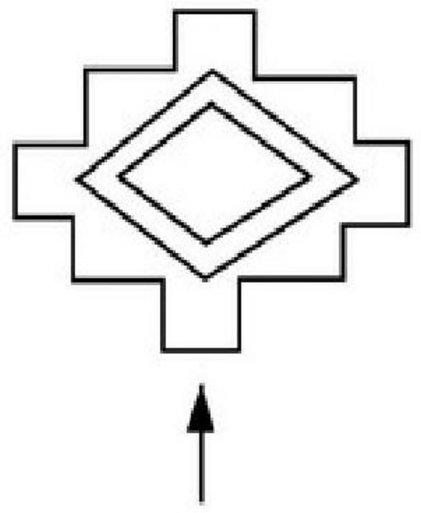
Question Number : 65 Question Id : 6760337714 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

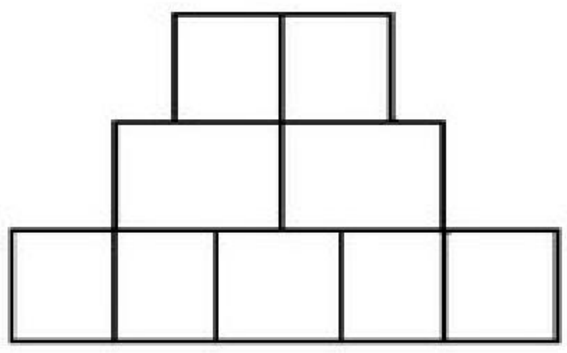
Question Mandatory : No

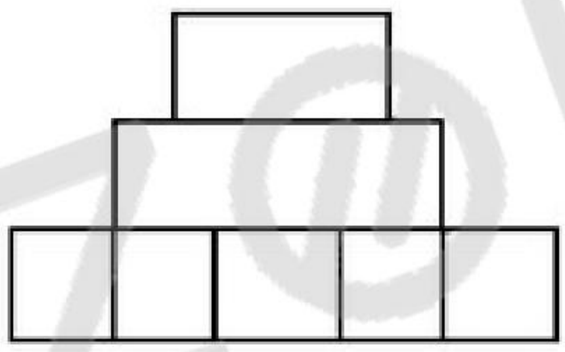
Correct Marks : 4 Wrong Marks : 1

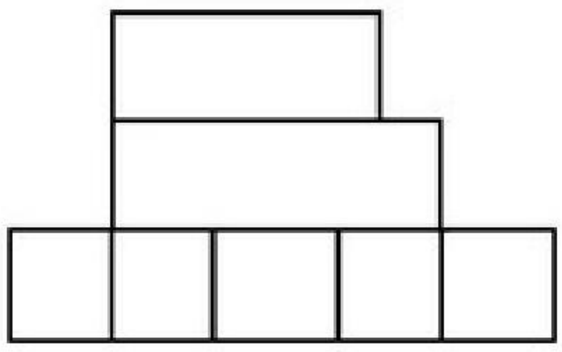
دی ہوئی سوالیہ تصویر میں ایک چیز (آبجکٹ) کا اُوپری نظارہ دکھایا گیا ہے۔ تیر کے نشان کی طرف سے اس کا نظارہ کیا ہوگا ؟

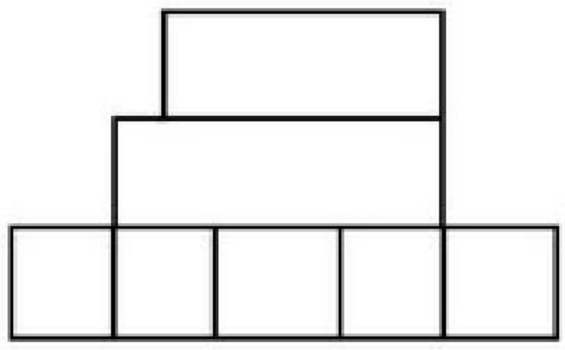


Options :

67603328297. 

67603328298. 

67603328299. 

67603328300. 

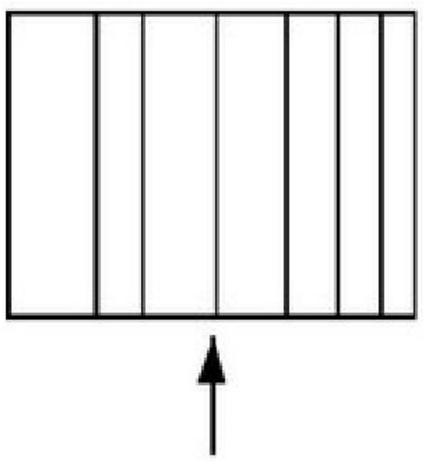
Question Number : 66 Question Id : 6760337715 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

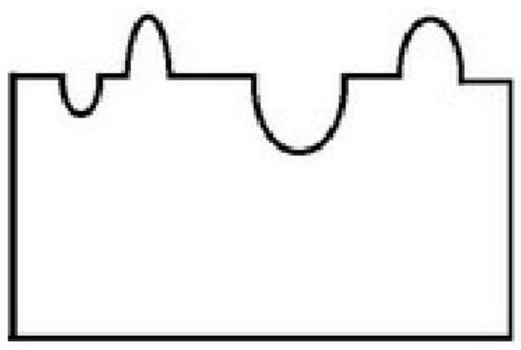
Question Mandatory : No

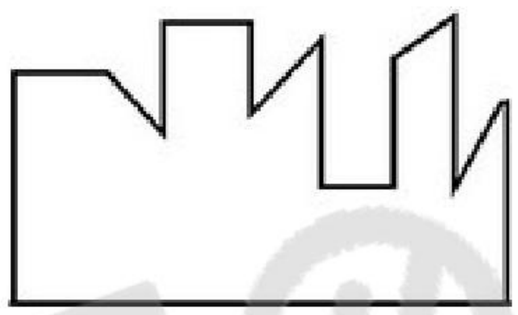
Correct Marks : 4 Wrong Marks : 1

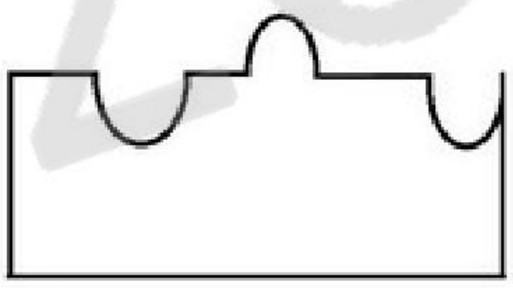
The problem figure shows the top view of an object. Identify the correct elevation from the answer figures looking in the direction of arrow.

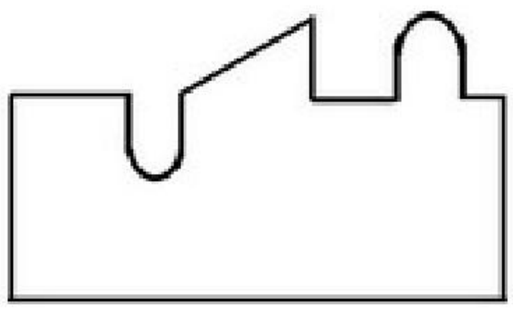


Options :

67603328301. 

67603328302. 

67603328303. 

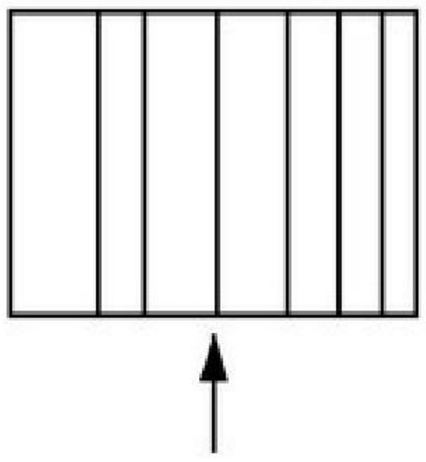
67603328304. 

Question Number : 66 Question Id : 6760337715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

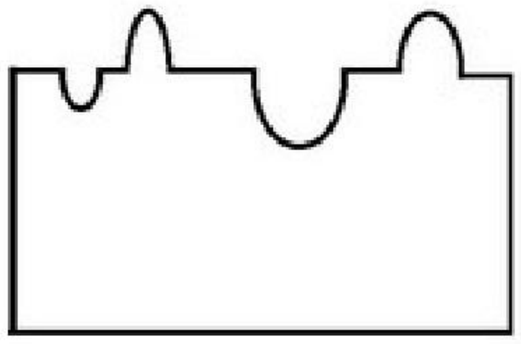
Correct Marks : 4 Wrong Marks : 1

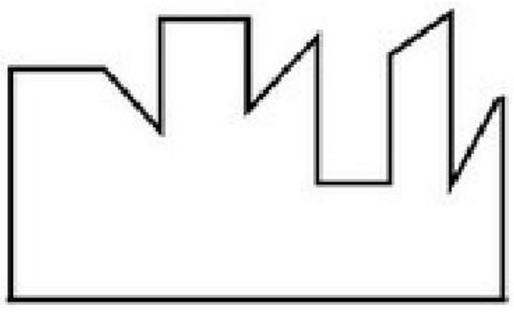
ZOLLEGE.in

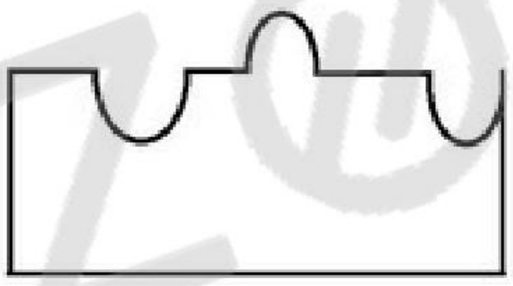
प्रश्न आकृति में एक वस्तु के ऊपरी दृश्य को दिखाया गाय है । तीर की दिशा में देखते हुए, दी गई उत्तर आकृतियों में से सही एलीवेंशन पहचानिये ।

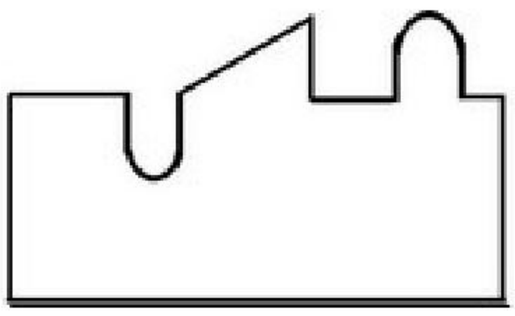


Options :

67603328301. 

67603328302. 

67603328303. 

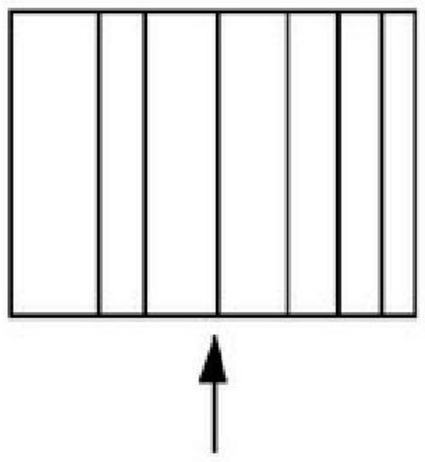
67603328304. 

Question Number : 66 Question Id : 6760337715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

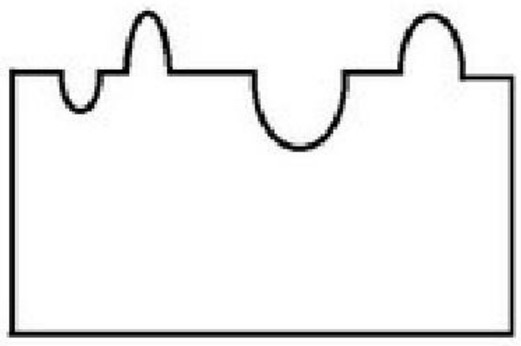
Correct Marks : 4 Wrong Marks : 1

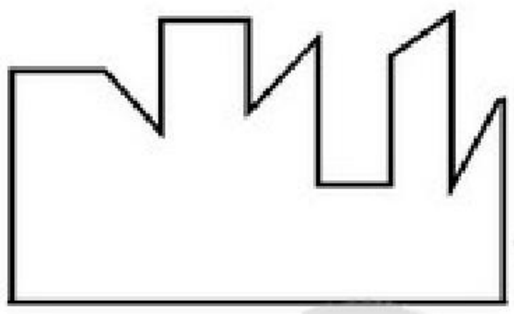
ZOLLEGE.in

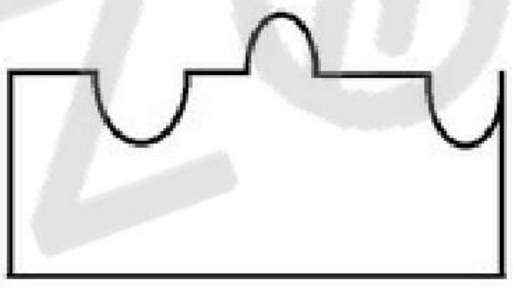
دی ہوئی سوالیہ تصویر میں ایک چیز (آبجکٹ) کا اُوپری نظارہ دیا گیا ہے۔ تیر کے نشان کی طرف سے اس کا نظارہ کیا ہوگا ؟

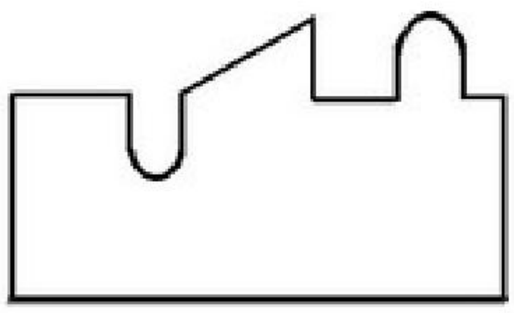


Options :

67603328301. 

67603328302. 

67603328303. 

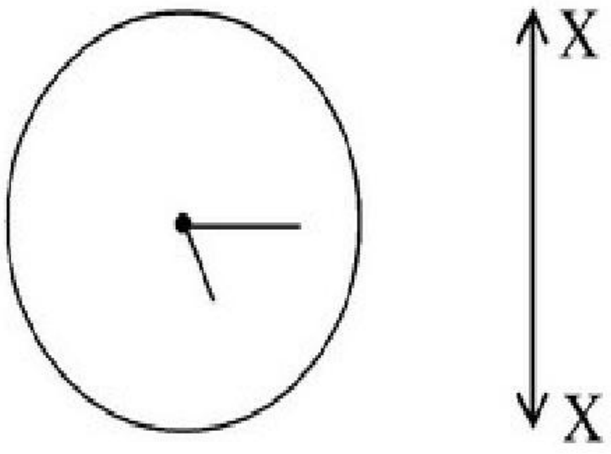
67603328304. 

Question Number : 67 Question Id : 6760337716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

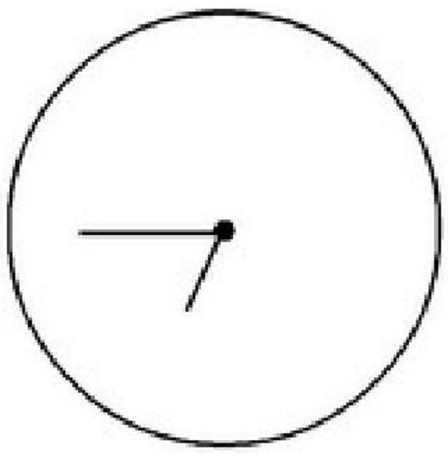
ZOLLEGE.in

Which one of the answer figure is the correct Mirror image of the problem figure with respect to X-X ?

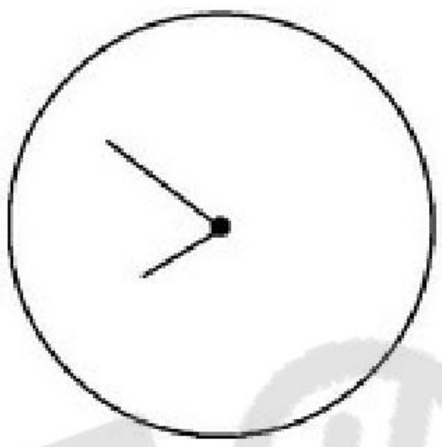


Options :

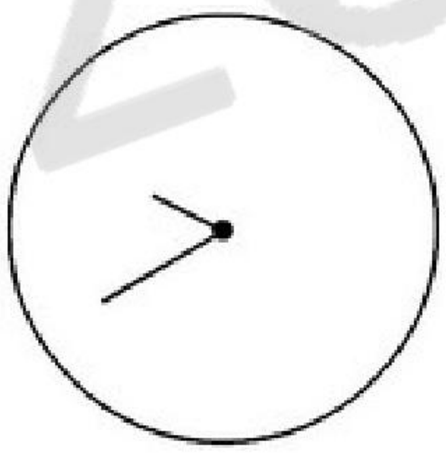
67603328305.



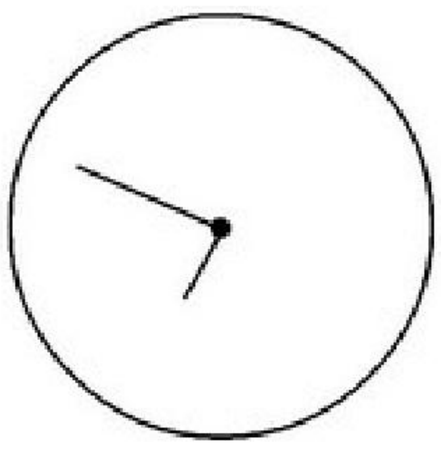
67603328306.



67603328307.



67603328308.



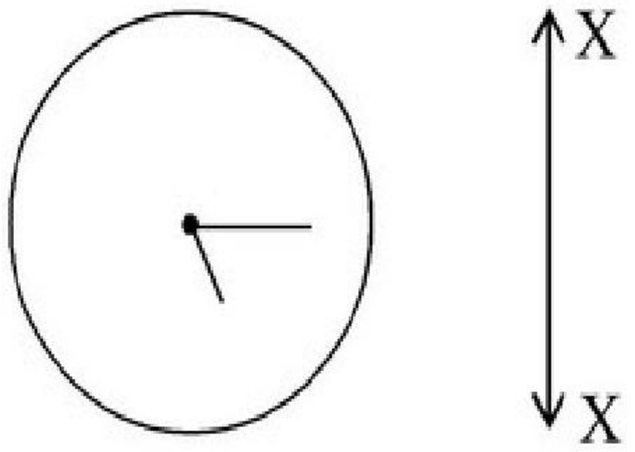
Question Number : 67 Question Id : 6760337716 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

Question Mandatory : No

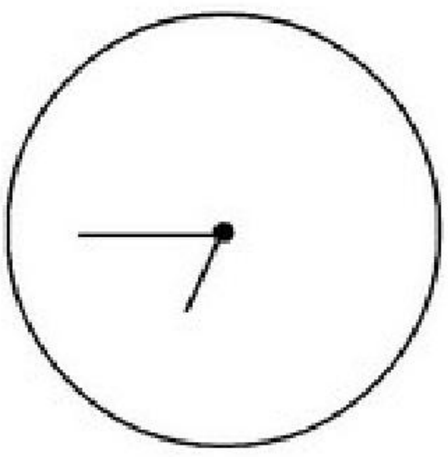
Correct Marks : 4 Wrong Marks : 1

उत्तर आकृति में से कौन सी आकृति प्रश्न आकृति का X-X के सापेक्ष में सही प्रतिबिम्ब है ?

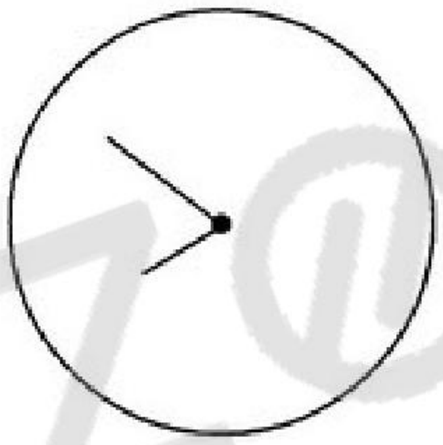


Options :

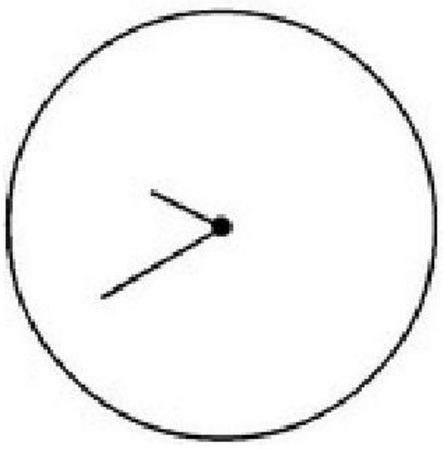
67603328305.



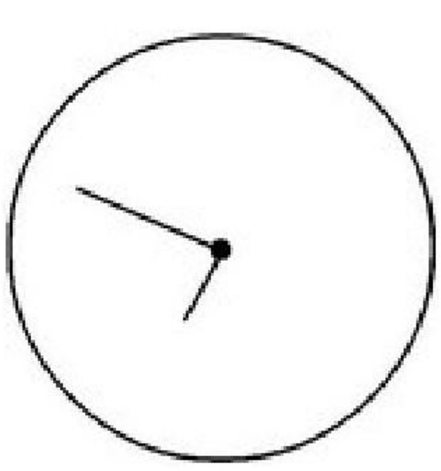
67603328306.



67603328307.



67603328308.

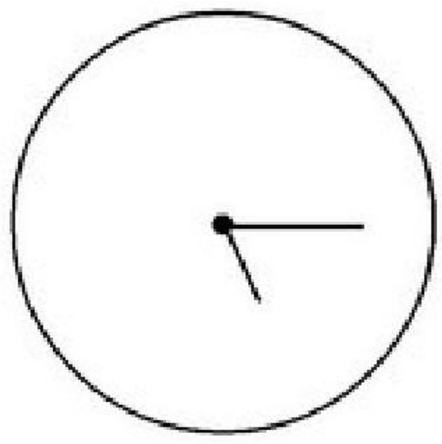


ZOLLEGE.in

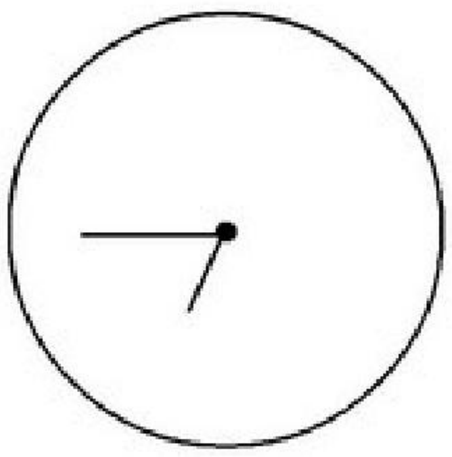
Question Number : 67 Question Id : 6760337716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ان میں سے کونسی تصویر سوالیہ تصویر کی عکسِ۔تصویر ہے ؟



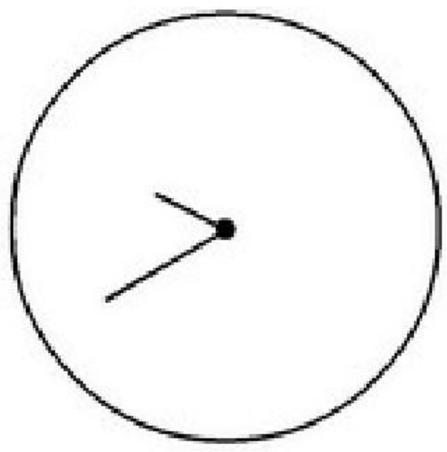
Options :



67603328305.



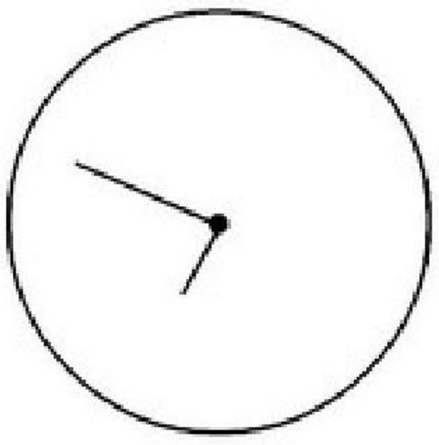
67603328306.



67603328307.

67603328308.

ZOLLEGE.in



Question Number : 68 Question Id : 6760337717 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Shikara' is a type of boat found mainly in lakes of city of the following states.

Options :

67603328309. Udaipur

67603328310. Jammu-Kashmir

67603328311. Kerala

67603328312. Manipur

Question Number : 68 Question Id : 6760337717 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'शिकारा' एक तरह की नाव है, जो निम्न में से किस राज्य की झील में मुख्य रूप से पायी जाती है ?

Options :

67603328309. उदयपुर

67603328310. जम्मु–कश्मीर

67603328311. केरल

ZOLLEGE.in

67603328312. मणीपुर

Question Number : 68 Question Id : 6760337717 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'شکارا' قسم کی ناؤ کس صوبے کی جھیلوں میں چلتی ہے؟

Options :

67603328309. اُدے پور

67603328310. جموں و کشمیر

67603328311. کیرالہ

67603328312. منی پور

Question Number : 69 Question Id : 6760337718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who amongst the following designed the 'Ram Mandir' at Ayodhya ?

Options :

67603328313. Chandrakant Sompura

67603328314. Hafeez Contractor

67603328315. Anant Raje

ZOLLEGE.in

67603328316. Raza Kabul

Question Number : 69 Question Id : 6760337718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से किसने अयोध्या के 'राम मंदिर' की रूप रेखा बनायी ?

Options :

67603328313. चन्द्रकान्त सोमपुरा

67603328314. हाफीज़ कन्ट्रेक्टर

67603328315. अनन्त राजे

67603328316. रजा काबुल

Question Number : 69 Question Id : 6760337718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ایودھیا کا ''رام مندر'' کس معمار نے بنایا ہے؟

Options :

67603328313. چندرا کانت سومپورا

67603328314. حفیظ کنٹراکٹر

67603328315. انت راجے

67603328316. رضا کبول

ZOLLEGE.in

Question Number : 70 Question Id : 6760337719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following group represent Primary colours ?

Options :

67603328317. White, Black, Grey

67603328318. Violet, Green, Orange

67603328319. Red, Blue, Yellow

67603328320. Red, Green, Black

Question Number : 70 Question Id : 6760337719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से कौन सा समूह मूल रंगों का परिचायक है ?

Options :

67603328317. सफेद, काला, स्लेटी

67603328318. बैंगनी, हरा, सन्तरी

67603328319. लाल, नीला, पीला

67603328320. लाल, हरा, काला

Question Number : 70 Question Id : 6760337719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

ZOLLEGE.in

Correct Marks : 4 Wrong Marks : 1

ان میں سے کونسا گروپ بنیادی رنگوں کا ہے ؟

Options :

67603328317. سفید، سیاہ، سرمئی

67603328318. بنفشی، سبز، کینو

67603328319. لال، نیلا، پیلا

67603328320. لال، سبز، سیاہ

Question Number : 71 Question Id : 6760337720 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Kedarnath' is located in which district of India ?

Options :

67603328321. Uttarkashi

67603328322. Uttarakhand

67603328323. Chamoli

67603328324. Rudraprayag

Question Number : 71 Question Id : 6760337720 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

भारत के किस ज़िले में 'केदार नाथ' स्थित है ?

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Options :

67603328321. उत्तरकाशी

67603328322. उत्तराखण्ड

67603328323. चमोली

67603328324. रुद्रप्रयाग

Question Number : 71 Question Id : 6760337720 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

کیدارناتھ ہندوستان کے کس شہر میں ہے ؟

Options :

67603328321. اُتّراکاشی

67603328322. اُتّراکھنڈ

67603328323. چمولی

67603328324. رُدراپرایاگ

Question Number : 72 Question Id : 6760337721 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who is the Architect of 'Virasat-e-Khalsa' ?

Options :

67603328325. I. M. Pei

ZOLLEGE.in

67603328326. Moshie Safdie

67603328327. Raj Rewal

67603328328. Bimal Patel

Question Number : 72 Question Id : 6760337721 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'विरासत–ऐ–खालसा' के वास्तुशिल्पी कौन है ?

Options :

67603328325. आई. एम. पै.

67603328326. मोशे शाफदी

67603328327. राज रेवाल

67603328328. बिमल पटेल

Question Number : 72 Question Id : 6760337721 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

''وِراثتِ کھالسا'' کس معمار نے بنایا ہے؟

Options :

67603328325. آئی.ایم. پائی

67603328326. موشی صفدی

ZOLLEGE.in

67603328327. राज रीवाल

67603328328. बमल पटेल

Question Number : 73 Question Id : 6760337722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who was the Architect of famous 'Glass Pyramid at the Louvre Paris' ?

Options :

67603328329. Walter Groupius

67603328330. Charles Correa

67603328331. I. M. Pei

67603328332. F. L. Wright

Question Number : 73 Question Id : 6760337722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

लोवरे पेरिस (Louvre Paris) में प्रसिद्ध 'ग्लास पिरामिड' के वास्तुशिल्पी कौन थे ?

Options :

67603328329. वाल्टर ग्रुपियस

67603328330. चार्ल्स कोरिया

67603328331. आई. एम. पेइ

ZOLLEGE.in

67603328332. एफ. एल. राइट

Question Number : 73 Question Id : 6760337722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

پیرس میں بنے ''کلاس پرامیڈ'' کا معمار کون ہے؟

Options :

67603328329. واٹر گرُوپیئس

67603328330. چارلس کورّیا

67603328331. آئی.ایم. پائی

67603328332. ایف.ایل. رائیٹ

Question Number : 74 Question Id : 6760337723 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match the following List-I with List-II.

List-I	List-II
A. Madhubani painting	I. Madhya Pradesh
B. Shekhwati painting	II. Orissa
C. Pattuchitra painting	III. Bihar
D. Gond painting	IV. Rajasthan

Options :

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67603328333. A-I, B-II, C-IV, D-III

67603328334. A-III, B-IV, C-II, D-I

67603328335. A-II, B-III, C-IV, D-I

67603328336. A-IV, B-I, C-II, D-III

Question Number : 74 Question Id : 6760337723 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न सूची -I को सूची-II से मिलाइए :

सूची-I	सूची-II
(A) मधुबनी पेंन्टिग	(I) मध्य प्रदेश
(B) शेखावती पेंन्टिग	(II) ओड़िसा
(C) पट्टचित्रा पेंन्टिग	(III) बिहार
(D) गोंड पेंन्टिग	(IV) राजस्थान

Options :

67603328333. A-I, B-II, C-IV, D-III

67603328334. A-III, B-IV, C-II, D-I

67603328335. A-II, B-III, C-IV, D-I

67603328336. A-IV, B-I, C-II, D-III

Question Number : 74 Question Id : 6760337723 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

فہرست-I کو فہرست-II کے ساتھ میل- جوڑ کرایئے :

فہرست-I		فہرست-II
(A)	مدھوبنی پینٹنگ	(I) مدھیہ پردیش
(B)	شیکھاوتی پینٹنگ	(II) اُڑیسہ
(C)	پٹوچیترا پینٹنگ	(III) بہار
(D)	گوند پینٹنگ	(IV) راجستھان

Options :

67603328333. A-I, B-II, C-IV, D-III

67603328334. A-III, B-IV, C-II, D-I

67603328335. A-II, B-III, C-IV, D-I

67603328336. A-IV, B-I, C-II, D-III

Question Number : 75 Question Id : 6760337724 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you understand by 'Complementary colours' ? Choose correct answer amongst the following

Options :

67603328337. Mixing the primary colours.

67603328338. Colours next to each other on colour wheel.

67603328339. Colours opposite to each other on colour wheel.

ZOLLEGE.in

67603328340. Mixing of secondary colours.

Question Number : 75 Question Id : 6760337724 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'पूरक रंगों' (कॉंप्लिमेंटरी कल्र्स) से आप क्या समझते हैं ? निम्न में से सही उत्तर चुनिए ।

Options :

67603328337. मूल रंगों का मिश्रण करना

67603328338. रंग चक्र पर एक दूसरे के अगले रंग

67603328339. रंग चक्र पर एक दूसरे के सामने के रंग

67603328340. गौण रंगों का मिश्रण करना

ZOLLEGE.in

Question Number : 75 Question Id : 6760337724 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

تکمیلی (کامپلمنٹری) رنگوں سے آپ کیا سمجھتے ہیں؟ ان میں سے صحیح جواب چنئے :

Options :

67603328337. بنیادی رنگوں کا ملاؤ

67603328338. رنگ پہیہ میں ایک دوسرے کے قریبی رنگ

67603328339. رنگ پہیہ میں ایک دوسرے سے سمت میں رنگ

67603328340. سیکنڈری رنگوں کا ملاؤ

ZOLLEGE.in

Question Number : 76 Question Id : 6760337725 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who worked with 'Le-corbusier' on Chandigarh planning among following architects.

Options :

67603328341. C. P. Kukreja

67603328342. F. L. Wright

67603328343. Stein Joseph

67603328344. Raj Rewal

Question Number : 76 Question Id : 6760337725 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न वास्तुशिल्पियों में से किसने चंडीगढ़ प्लानिंग में 'ली कोर्बुज़िए' के साथ काम किया ?

Options :

67603328341. सी. पी. कुकरेजा

67603328342. एफ. एल. राइट

67603328343. स्टाईन जोसेफ

67603328344. राज रेवाल

Question Number : 76 Question Id : 6760337725 Question Type : MCQ Option Shuffling : Yes Is

ZOLLEGE.in

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

چنڈی گڑھ شہر بنانے میں ان میں سے کس معمار نے 'لی-کوربوزیئ' کے ساتھ کام کیا ؟

Options :

67603328341. سی. پی. کوکریجا

67603328342. ایف. ایل. رائیٹ

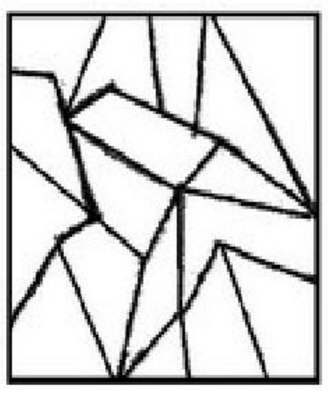
67603328343. اسٹین جوسیف

67603328344. راج ریوال

Question Number : 77 Question Id : 6760337726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One of the following answer figure is hidden in the problem figure in same size and direction. Select the correct one.



Options :

67603328345. 

67603328346. 

67603328347. 

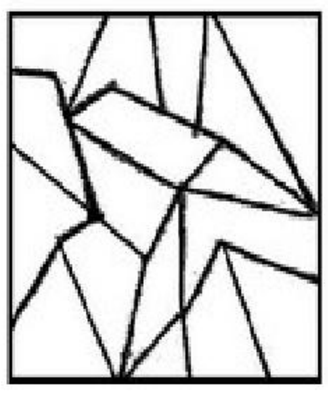
ZOLLEGE.in

67603328348. 

Question Number : 77 Question Id : 6760337726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न में से एक उत्तर चित्र उसी आकार तथा दिशा में प्रश्न चित्र में छिपा हुआ है । सही उत्तर को चुनिए ।



Options :

67603328345. 

67603328346. 

67603328347. 

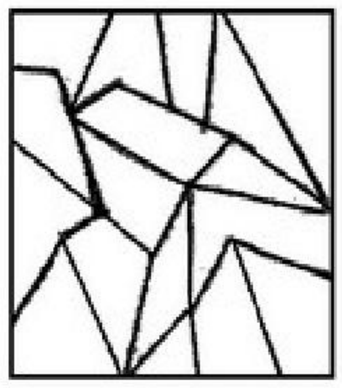
67603328348. 

Question Number : 77 Question Id : 6760337726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

ان میں سے کونسا ٹکڑا ہے جو کہ اُسی ناپ اور اُسی سمت میں ہے جو کہ اس سوالیہ تصویر کا حصّہ ہے ؟



Options :

67603328345. 

67603328346. 

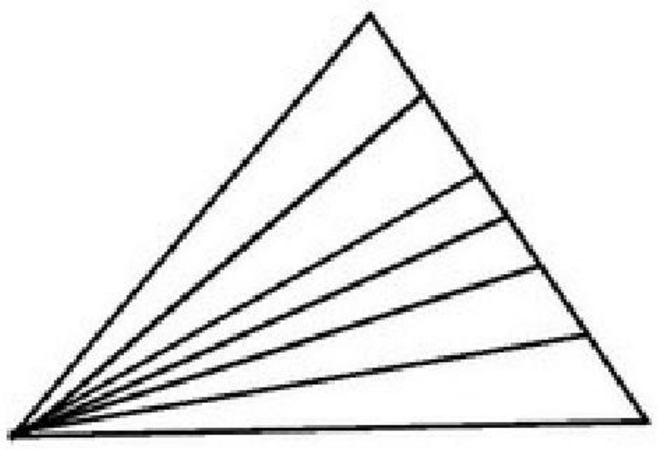
67603328347. 

67603328348. 

Question Number : 78 Question Id : 6760337727 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In the following question number of triangles are ?



Options :

67603328349. 15

67603328350. 19

ZOLLEGE.in

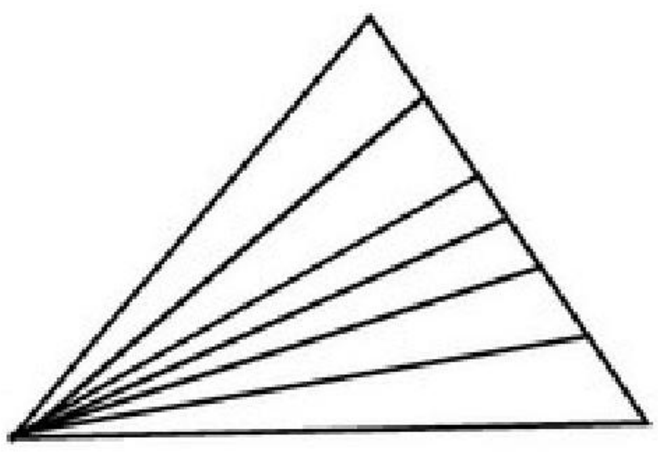
67603328351. 20

67603328352. 21

Question Number : 78 Question Id : 6760337727 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

निम्न चित्र में त्रिभुजों की संख्या है -



Options :

67603328349. 15

67603328350. 19

67603328351. 20

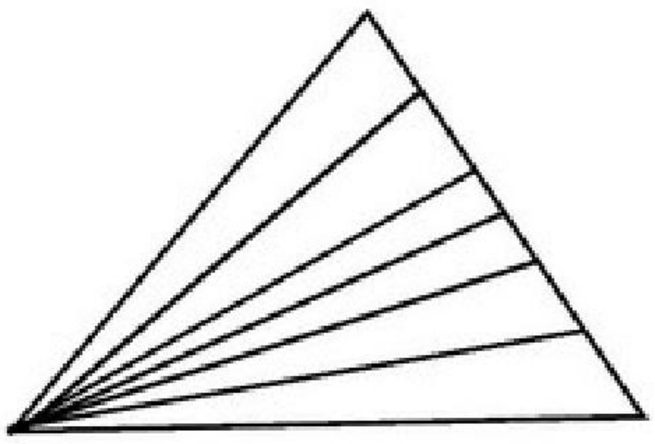
67603328352. 21

Question Number : 78 Question Id : 6760337727 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ZOLLEGE.in

اس سوال میں کتنے مثلث (تکون) ہیں ؟



Options :

67603328349. 15

67603328350. 19

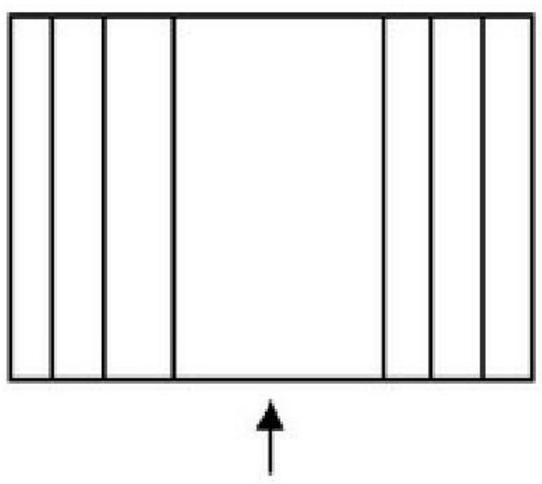
67603328351. 20

67603328352. 21

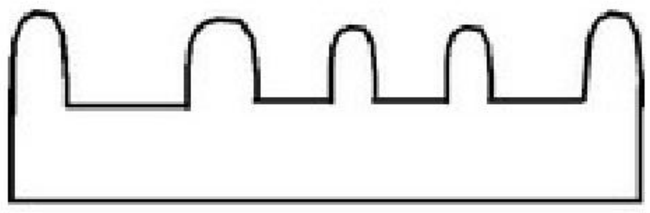
Question Number : 79 Question Id : 6760337728 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The problem figure shows the top view of an object. Identify the correct elevation from the answer figures looking in the direction of arrow.

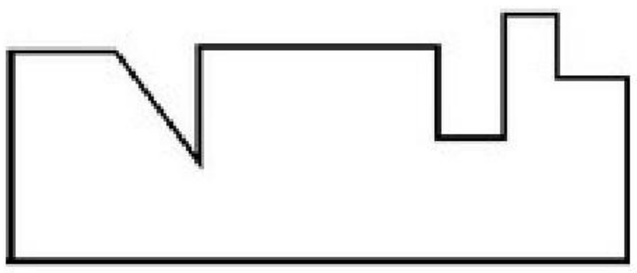


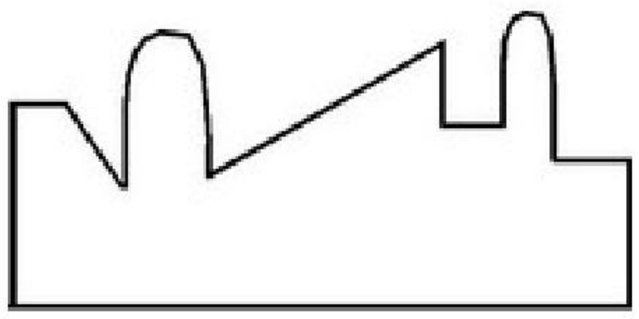
Options :

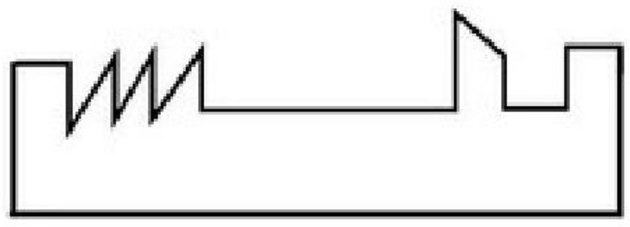
67603328353. 

67603328354.

ZOLLEGE.in



67603328355. 

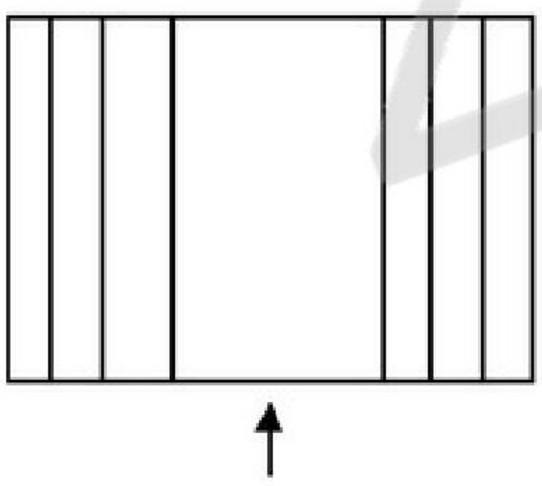
67603328356. 

Question Number : 79 Question Id : 6760337728 Question Type : MCQ Option Shuffling : Yes Is

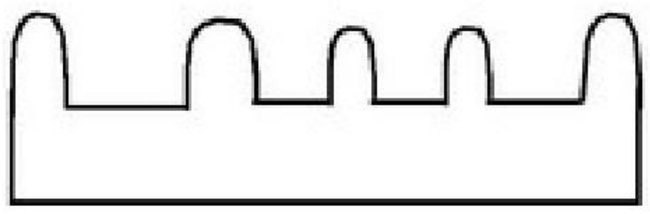
Question Mandatory : No

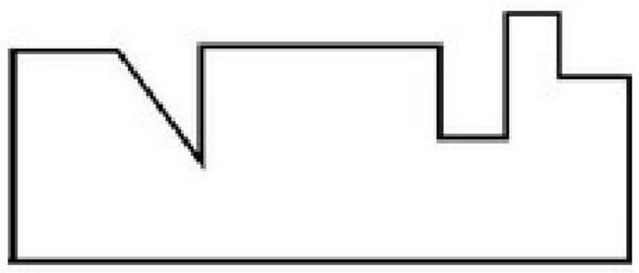
Correct Marks : 4 Wrong Marks : 1

प्रश्न आकृति में एक वस्तु के ऊपरी दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही एलीवेशन (elevation) को उत्तर आकृतियों में से पहचानिये ।



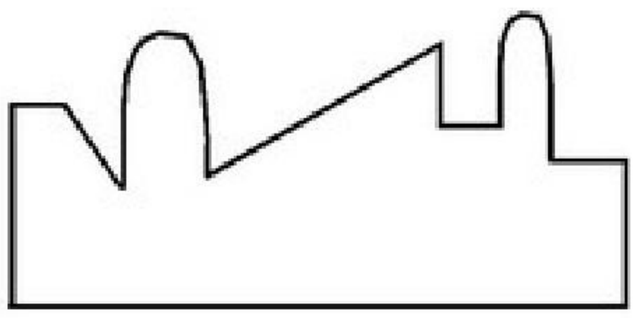
Options :

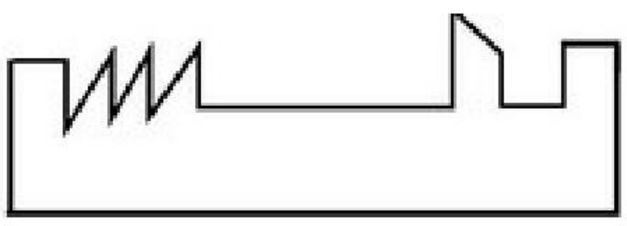
67603328353. 

67603328354. 

67603328355.

ZOLLEGE.in

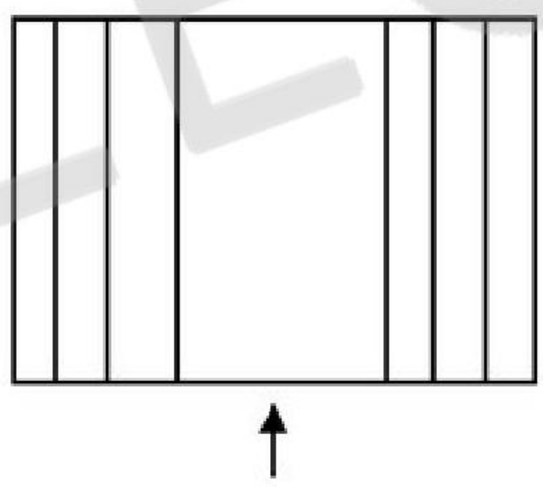


67603328356. 

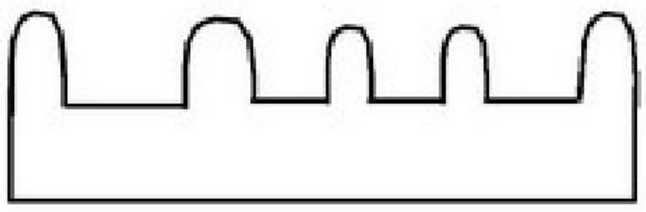
Question Number : 79 Question Id : 6760337728 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

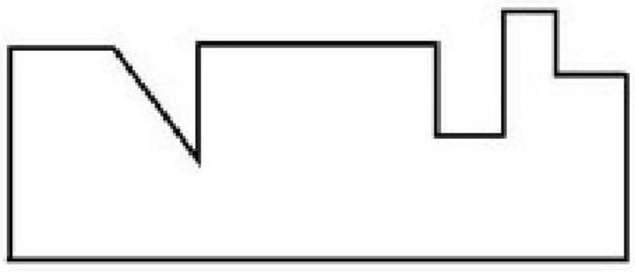
Correct Marks : 4 Wrong Marks : 1

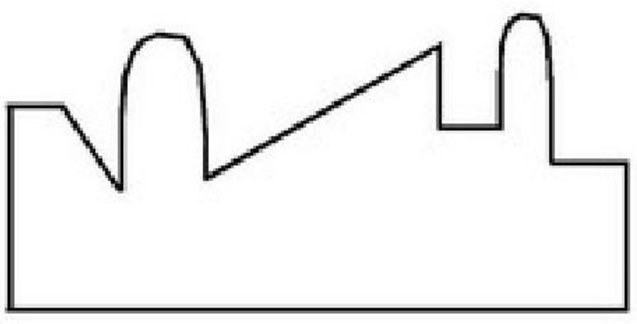
اس سوالیہ تصویر میں ایک چیز کا اُوپری نظارہ دکھایا گیا ہے ؟ تیر کے نشان کی طرف سے اس کا صحیح نظاہر کیا ہوگا ؟



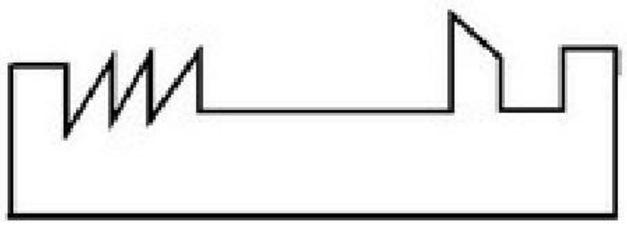
Options :

67603328353. 

67603328354. 

67603328355. 

ZOLLEGE.in

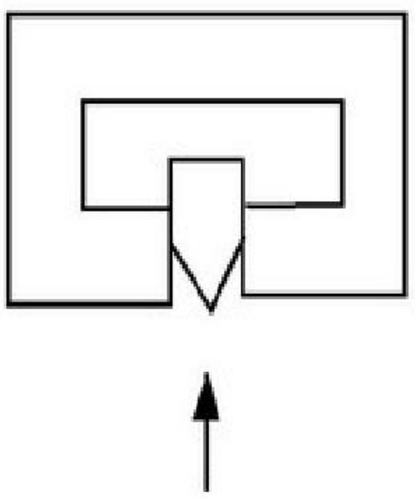
67603328356. 

Question Number : 80 Question Id : 6760337729 Question Type : MCQ Option Shuffling : Yes Is

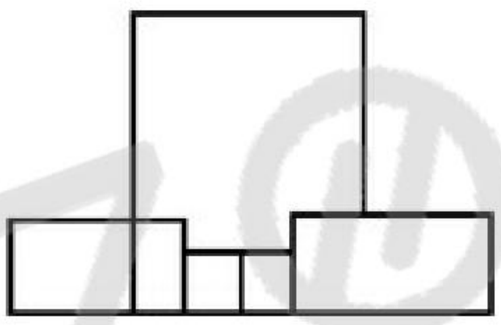
Question Mandatory : No

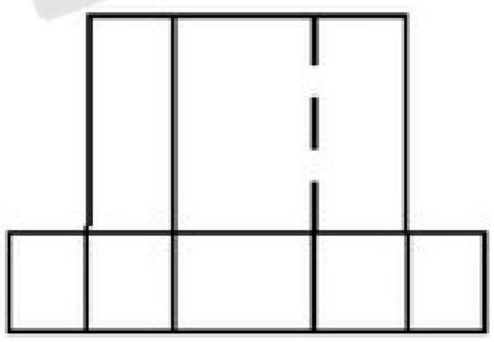
Correct Marks : 4 Wrong Marks : 1

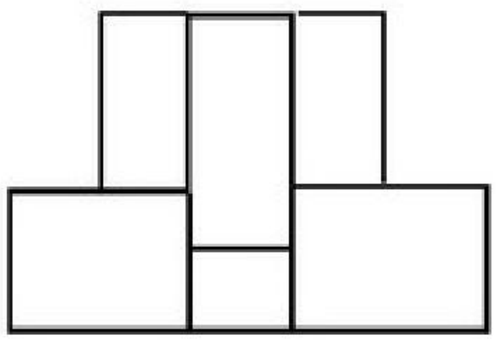
The problem figure shows the top view of an object. Identify the correct elevation from the answer figure. Looking in the direction of arrow.

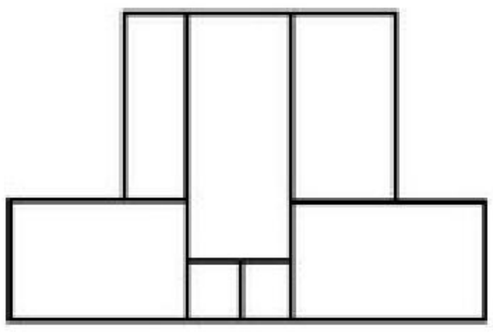


Options :

67603328357. 

67603328358. 

67603328359. 

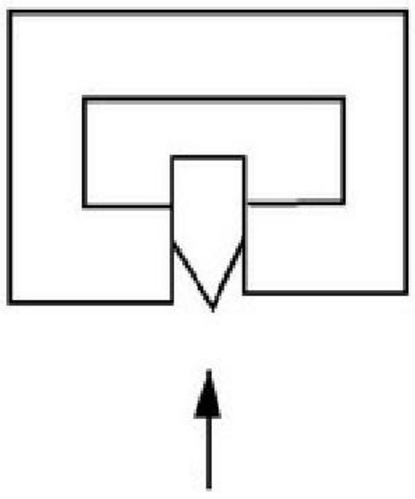
67603328360. 

ZOLLEGE.in

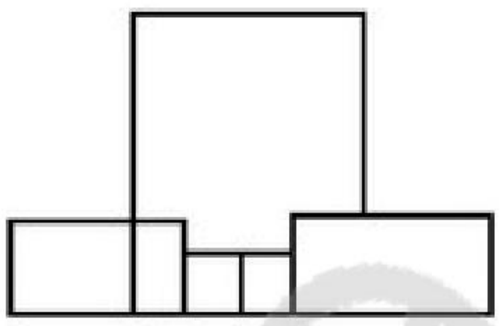
Question Number : 80 Question Id : 6760337729 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

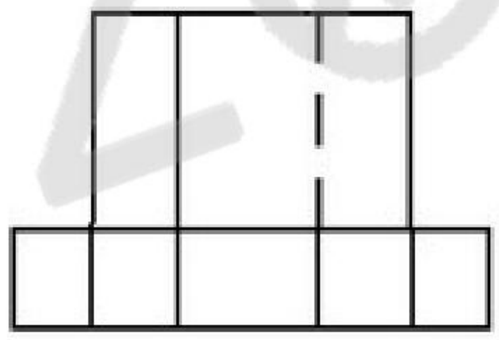
Correct Marks : 4 Wrong Marks : 1

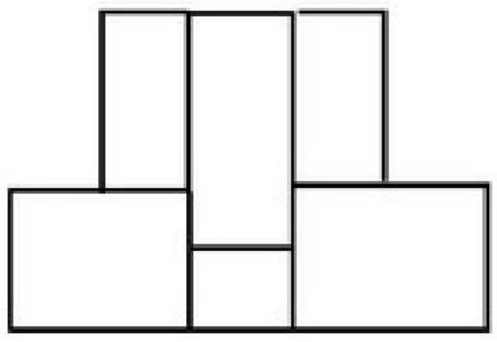
प्रश्न आकृति में एक वस्तु के ऊपरी दृश्य को दिखाया गया है । तीर की दिशा में देखते हुए, सही एलीवेशन (elevation) को उत्तर आकृतियों में से पहचानिये ।

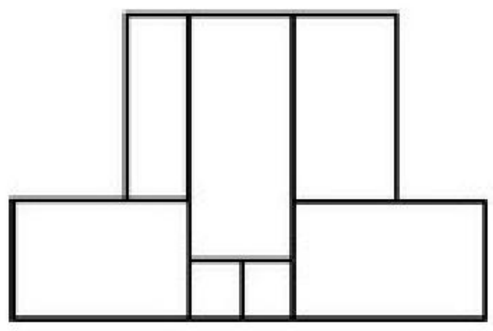


Options :

67603328357. 

67603328358. 

67603328359. 

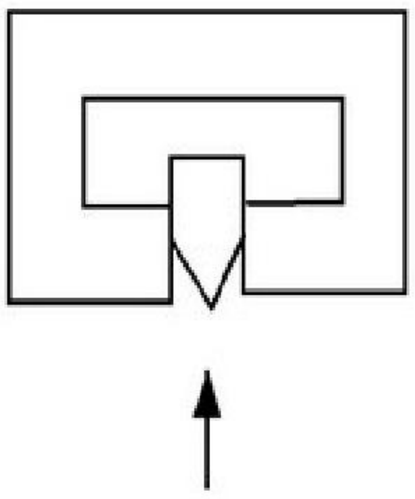
67603328360. 

ZOLLEGE.in

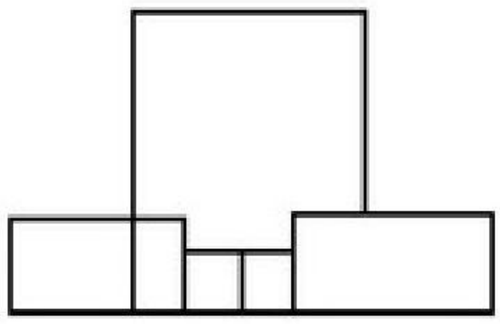
Question Number : 80 Question Id : 6760337729 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

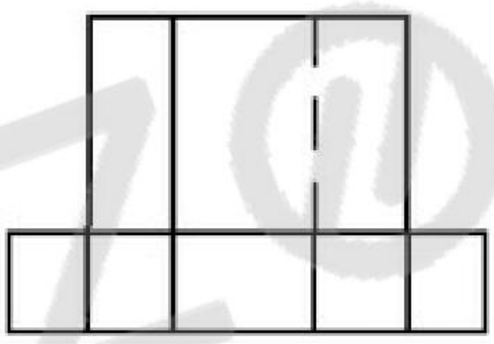
Correct Marks : 4 Wrong Marks : 1

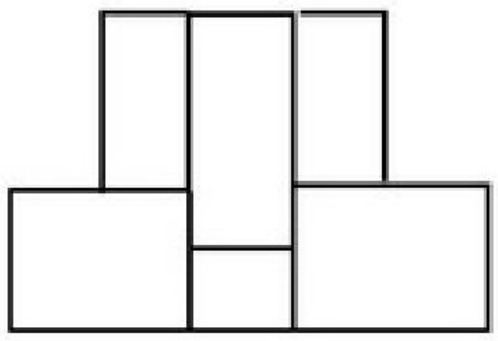
اس سوالیہ تصویر میں ایک چیز (آبجکٹ) کا اُوپری نظارہ دکھایا گیا ہے۔ تیر کے نشان کی طرف سے اس کا صحیح نظارہ کیا ہوگا ؟

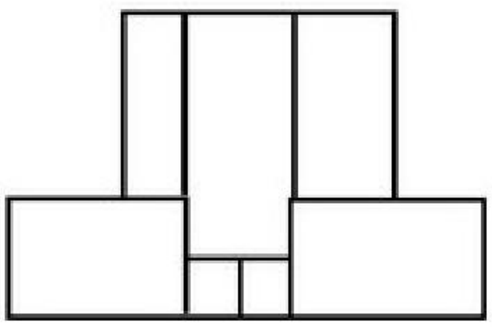


Options :

67603328357. 

67603328358. 

67603328359. 

67603328360. 

ZOLLEGE.in

Drawing

Section Id :	676033293
Section Number :	4
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	2
Number of Questions to be attempted :	2
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	676033295
Question Shuffling Allowed :	No

Question Number : 81 Question Id : 6760337730 Question Type : SUBJECTIVE

Correct Marks : 50

ZOLLEGE.in

Prepare proportionate sketch of given image in space provided for the answer. Students can use any black and white rendering technique.

OR

Create a composition by decoding image which will be aesthetically balanced. Composition can be abstract or in any form. Student can compose decoded image in any shape.



Question Number : 81 Question Id : 6760337730 Question Type : SUBJECTIVE

Correct Marks : 50

ZOLLEGE.in

उत्तर के लिये दी गई जगह में, दिये हुये चित्र की अनुपातिक रुपरेखा बनाइये । छात्र काली एवं सफेद प्रस्तुति तकनीकी का प्रयोग कर सकते है ।

अथवा

दी गयी प्रतिमा डी–कोड करके चित्र को समझकर एक संतुलित रचना बनाइये । रचना किसी भी रुप में हो सकती है । छात्र चित्र को किसी भी आकर में संयोजित कर सकते है ।



Question Number : 81 Question Id : 6760337730 Question Type : SUBJECTIVE

Correct Marks : 50

ZOLLEGE.in

جواب کے لئے دی گئی جگہ میں، دی ہوئی تصویر کا خاکہ اور تصویر کے تناسب میں ایک تصویر بنائیں۔
طلباء کسی بھی سیاہ و سفید تکنیک کا استعمال کرکے ہی اسے پیش کریں۔

یا

تصویر کو سمجھ کر ایک توازن (بیلنسڈ) بناوٹ بنایئے۔ طالب علم تصویر کو کسی بھی شکل میں بنا سکتے ہیں.



Question Number : 82 Question Id : 6760337731 Question Type : SUBJECTIVE

Correct Marks : 50

Create a composition of 4 triangles and 3 cubes of any sizes and render it by using complementary colours in space provided for answer in answer-sheet.

OR

Draw a picture of farmers working in the field during crop cutting.

Question Number : 82 Question Id : 6760337731 Question Type : SUBJECTIVE

Correct Marks : 50

ZOLLEGE.in

उत्तर के लिये दी गई जगह में, किसी भी आकारों के 4 त्रिभुजों एवं 3 घनों के संयोजन की रचना कीजिये । रचना में रंग भरने के लिये पूरक रंगों का प्रयोग कीजिये । छात्र अपनी पसंद का फ्रेम का प्रयोग कर सकते हैं ।

अथवा

फसल कटाई के दौरान, किसानों का खेत में काम करते हुये एक तस्वीर बनाइए ।

Question Number : 82 Question Id : 6760337731 Question Type : SUBJECTIVE

Correct Marks : 50

کسی بھی سائز کے 4 مثلث اور 3 مکعب کا مرکّب تخلیق کیجیے اور جوابی پرچے میں جواب کے لیے دی گئی جگہ میں پسندیدہ رنگوں کا استعمال کرکے پیش کیجیے۔

یا

فصل کٹائی کے دوران، کسانوں کا کھیت میں کام کرتی ہوئی ایک تصویر بنائیے۔

ZOLLEGE.in