Telangana State Council Higher Education

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name :	TS ICET URDU 2021 19th Aug 2021 Shift 2
Subject Name :	TS ICET URDU 2021
Creation Date :	2021-08-20 11:07:25
Duration :	150
Total Marks :	200
Display Marks:	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? (SA type of questions will be always auto saved) :	Yes

TS ICET URDU 2021

Group Number :	1
Group Id :	39448437

ZOLLEGE.in

Group Maximum Duration :	0
Group Minimum Duration :	150
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	200
Is this Group for Examiner? :	No

Analytical Ability

Section Id :	394484109
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	45
Number of Questions to be attempted :	45
Section Marks :	75
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	394484757
Question Shuffling Allowed :	Yes

Question Id : 3944847489 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (1 to 20)

ZOLLEGE.in

Note: In questions numbered 1 to 20, a question is followed by data in the form of two statements labelled as I and II. You must decide whether the data given in the statements are sufficient to answer the questions. Using the data make an appropriate choice from (1) to (4) as per the following guidelines:

نوٹ: سوالات 1تا 20 میں۔ایک سوال دو بیانات کی شکل۔مواد کی شکل میں ظاہر کیا گیا ہے۔جس کو I اور II کی شکل میں پیش کیا گیا ہے۔آپ کو یہ فیصلہ لینا ہے کہ آیا بیان میں دیا ہوا مواد' سوال کا جواب دینے کے لئے کافی ہے یا نہیں۔مواد کو استعمال کرتے ہوئے حسب ذیل رہنمائی کی روشنی میں (1) تا (4) میں موزوں انتخاب کیجئے۔

(a) Mark choice (1) if the statement I alone is sufficient to answer the question.
(b) Mark choice (2) if the statement II alone is sufficient to answer the question.
(c) Mark choice (3) if both the statements I and II are sufficient to answer the question but neither statement alone is sufficient.
(d) Mark choice (4) if both the statements I and II together are not sufficient to answer the question and additional data is required.

(a) انتخاب کو ظاہر کیجئے اگر اسٹیٹمنٹ (1) سوال کا جواب دینے کے لئے کافی ہے۔

(b) انتخاب کو ظاہر کرنے کے لئے (2) اگر اسٹیٹمنٹ خود سوال کا جواب دینے کے لئے کافی ہے۔

(c) انتخاب کو ظاہر کیجئے۔اگر (3) دونوں بیانات I اور II سوال کا جواب دینے کے لئے کافی ہیں۔لیکن کوئی اسٹیٹمنٹ کافی نہیں ہے۔

(d) انتخاب (4) اگر دونوں بیانات I اور II مل کر سوال کا جواب دینے کے لئے کافی ہیں اور زائد مواد کی ضرورت ہے۔

Sub questions

Question Number : 1 Question Id : 3944847490 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

If the positive real numbers *a, b, c, d* are in Geometric Progression, what is the common ratio of that Geometric Progression?

اگر مثبت اعداد a, b, c, d الجبرائی پروگریشن میں ہوں تو اس الجبرائی پروگریشن کی عام نسبت کیا ہوگی۔

I) $\frac{ad}{bc} = 1$

II) $\frac{ac}{bd} = 9$

Options :

39448428801. ✖ 1

39448428802. ✔ 2

39448428803. ✖ 3

39448428804. ✖ 4

ZOLLEGE.in

Question Number : 2 Question Id : 3944847491 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the y-intercept of the straight line?

ایک straight line کو قطع کرنے والا y-intercept کیا ہوتا ہے۔

I) The straight line is passing through the point (2, -1)

اگر straight line نقطے (2, -1) سے گزر رہی ہے۔

II) Slope of the straight line is $\frac{3}{4}$

اگر straight line کا ڈھلوان $\frac{3}{4}$ ہو۔

Options :

39448428805. ✖ 1

39448428806. ✖ 2

39448428807. ✔ 3

39448428808. ✖ 4

Question Number : 3 Question Id : 3944847492 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the amount of money Mr A saved from his monthly salary?

Mr A کی ماہانہ تنخواہ سے کس قدر رقم کی بچت ہوتی ہے۔

I) Monthly salary of Mr A is Rs.18000

Mr A کی ماہانہ تنخواہ اگر 18000 روپے ہو۔

II) The amount of Mr A spent on house rent and provisions in that month is Rs.12500

اگر Mr A کے اس ماہ کی تنخواہ کا کچھ حصہ گھر کا کرایہ اور چلر اخراجات پر مبنی 12500 ہو۔

Options :

39448428809. ✖ 1

39448428810. ✖ 2

39448428811. ✖ 3

39448428812. ✔ 4

Question Number : 4 Question Id : 3944847493 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the cost price of the article?

اشیا کی لاگت قیمت کیا ہو گی۔

I) The marked price of the article is Rs.1500

اگر اشیا کی مارکٹ قیمت 1500 ہو۔

II) By selling the article dealer gets 12% profit

اگر بیوپاری اشیا فروخت کر کے 12% نفع کماتا ہو۔

Options :

39448428813. ✖ 1

39448428814. ✖ 2

39448428815. ✖ 3

39448428816. ✔ 4

Question Number : 5 Question Id : 3944847494 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the number of sides in the regular polygon?

ایک regular polygon میں کونوں کی مقدار کیا ہو گی۔

I) Length of each side of the regular polygon is 13 cm

اگر polygon (مسدس) کے ہر کونے کی لمبائی 13 سنٹی میٹرس ہو۔

II) The sum of the internal angles of the regular polygon is 8π radians

اس مسدس کے اندرونی زاویوں کی مقدار 8π ریڈینس ہو۔

Options :

39448428817. ✖ 1

39448428818. ✔ 2

39448428819. ✖ 3

39448428820. ✖ 4

Question Number : 6 Question Id : 3944847495 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the sum of the ages of *P*, *Q* and *R* ?

P, Q اور R کے عمروں کا مجموع کیا ہے۔

I) Q's age is one half of the average of P,Q and R's ages

اگر Q کی عمر P, Q R کی عمروں کے اوسط عمر کا نصف حصہ ہو۔

II) P's age is twice the average age of P,Q and R

اگر P کی عمر P, Q R کی اوسط عمروں سے دوگنا ہو۔

Options :

39448428821. ✖ 1

39448428822. ✖ 2

39448428823. ✖ 3

39448428824. ✔ 4

Question Number : 7 Question Id : 3944847496 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the digit in the units place of the positive integer n ?

positive integer کا مقامات اکائی میں کیا مقام ہے۔

I) n is a multiple of 11

اگر n ' 11 کا multiple ہو۔

II) n- 1 is a multiple of 5

اگر n - 1 ' 5 کا multiple ہو۔

Options :

39448428825. ✖ 1

39448428826. ✖ 2

39448428827. ✖ 3

39448428828. ✔ 4

Question Number : 8 Question Id : 3944847497 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Z_1 and Z_2 are complex numbers. Is $Z_1 + Z_2$ real ?

Z_1 اور Z_2 دونوں اعداد complex ہیں۔ کیا $Z_1 + Z_2$ حقیقی اعداد ہیں۔

I) The real and imaginary parts of Z_1 and Z_2 are integers

Z_1 اور Z_2 کے حقیقی اور خیالی اعداد integers ہیں

II) Z_1 is conjugate of Z_2

اگر Z_1، Z_2 کا conjugate عدد ہو۔

Options :

39448428829. ✖ 1

39448428830. ✔ 2

39448428831. ✖ 3

39448428832. ✖ 4

Question Number : 9 Question Id : 3944847498 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Is x divisible by 107?

کیا x، 107 سے قابل تقسیم ہے۔

I) x is multiple of 749

x، 749 کا مقسوم علیٰ ہے۔(multiple)

II) x is a common multiple of 7 and 37

x، ایک عام 7 اور 37 کا مقسوم علیٰ ہے(multiple)

Options :

39448428833. ✔ 1

39448428834. ✖ 2

39448428835. ✖ 3

39448428836. ✖ 4

Question Number : 10 Question Id : 3944847499 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the intercept made by the line on x-axis ?

ایک خط x-axis کی قطع کرنے والی line کیا ہے؟۔

I) The line is passing through (7, -6)

اگر خط (7, -6) سے گزرتا ہوا جائے۔

II) The line is perpendicular to the line $2x + 3y = 25$

$2x + 3y = 25$ والی خط پر لائن کا عمود ہو۔

Options :

39448428837. ✖ 1

39448428838. ✖ 2

39448428839. ✔ 3

39448428840. ✖ 4

Question Number : 11 Question Id : 3944847500 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the interest earned in three years?

تین سالوں میں کمایا ہوا سود کیا ہے۔

I) Principal is Rs.1000

اصل رقم 1000 ہے۔

II) Rate of interest is 5% per annum

شرح سود سالانہ 5% ہو۔

Options :

39448428841. ✖ 1

39448428842. ✖ 2

39448428843. ✖ 3

39448428844. ✔ 4

Question Number : 12 Question Id : 3944847501 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the remainder when the positive integer '*n*' is divided by 12 ?

اگر 'n' integer ' 12 سے قابل تقسیم ہو تو remainder '(باقی) کیا ہوتا ہے۔

I) When *n* is divided by 28, the remainder is 9

جبکہ n ' 28 سے قابل تقسیم ہو تو باقی 9 ہوتا ہے۔

II) When *n* is divided by 34, the remainder is 15

جبکہ n' 34 سے قابل تقسیم ہو تو 15 remainder ہوتا ہے۔

Options :

39448428845. ✖ 1

39448428846. ✖ 2

39448428847. ✖ 3

39448428848. ✔ 4

Question Number : 13 Question Id : 3944847502 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Find the value of a ?

a کی قیمت معلوم کرو۔

I) 3^a divides 1701

3^a ، 1701 کو تقسیم کرتا ہے۔

II) 3^{a+1} does not divide 1701

3^{a+1} ، 1701 کو تقسیم نہیں کرتا۔

Options :

39448428849. ✖ 1

39448428850. ✖ 2

39448428851. ✔ 3

39448428852. ✖ 4

Question Number : 14 Question Id : 3944847503 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

How many cones can be formed by melting a sphere?

ایک sphere کو پگھلا کر کتنے cones بنائے جا سکتے ہیں۔

I) The radius of the sphere, the radius of the cone and the height of the cone are in the ratio 6 : 2 : 1

اگر sphere کا قطر، cones کا قطر اور cone کی اونچائی کی نسبت 6 : 2 : 1 ہو۔

II) The volume of the sphere is 800 m^3

اگر sphere کی مقدار 800 m^3 ہو۔

Options :

39448428853. ✔ 1

39448428854. ✖ 2

39448428855. ✖ 3

39448428856. ✖ 4

Question Number : 15 Question Id : 3944847504 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

In a college, the number of students enrolled in both the physics course and the zoology course is how much less than the number of students enrolled in neither?

کسی کالج میں physics اور zoology میں داخلہ لیے ہوئے طلبا کی تعداد دونوں کورسیس میں داخلہ نہ لینے پر کتنی کم ہو سکتی ہے۔

I) There are 40 students enrolled in the physics course

Physics میں 40 طلبا داخلہ لیتے ہیں۔

II) There are 50 students enrolled in the zoology course

50 طلبا zoology میں داخلہ لیتے ہیں۔

Options :

39448428857. ✖ 1

39448428858. ✖ 2

39448428859. ✖ 3

39448428860. ✔ 4

Question Number : 16 Question Id : 3944847505 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Is $x > 0$?

$x > 0$ کیا

I) $|x+1| < 5$

II) $|x-1| < 2$

Options :

39448428861. ✖ 1

39448428862. ✖ 2

39448428863. ✖ 3

39448428864. ✔ 4

Question Number : 17 Question Id : 3944847506 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

How many sisters does A have ?

A کی کتنی بہنیں ہیں؟

I) Parents of A have four children

اگر A کے والدین چار بچوں کے والدین ہوں۔

II) A is the only son of his parents

اگر A والدین کی اکلوتی اولاد ہو۔

ZOLLEGE.in

Options :

39448428865. ✖ 1

39448428866. ✖ 2

39448428867. ✔ 3

39448428868. ✖ 4

Question Number : 18 Question Id : 3944847507 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Are the integers q, r and s consecutive?

کیا integers q, r اور s consecutive ہیں۔

I) The arithmetic mean of q, r and s is r

q, r اور S کا اوسط حسابیہ r ہو۔

II) $r - q = s - r$

$$r - q = s - r$$

Options :

39448428869. ✖ 1

39448428870. ✖ 2

39448428871. ✖ 3

39448428872. ✔ 4

Question Number : 19 Question Id : 3944847508 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Are the points of *A, B, C* collinear?

A, B, C کیا نقاط collinear ہیں۔

I) C lies inside the circle for which AB is a diameter

C ' حلقہ کے اندرونی حصہ میں رہتا ہے جس کے AB ' diameter ہیں۔

II) AC = AB – BC

AC = AB – BC

Options :

39448428873. ✖ 1

39448428874. ✔ 2

39448428875. ✖ 3

39448428876. ✖ 4

Question Number : 20 Question Id : 3944847509 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Is the function $f : \mathbb{R} \to \mathbb{R}$ even ?

function $f : \mathbb{R} \to \mathbb{R}$ even اگر

I) $f(-5) = f(5)$

II) $f(-10) = -f(10)$

Options :

39448428877. ✖ 1

39448428878. ✖ 2

39448428879. ✖ 3

39448428880. ✔ 4

Sub-Section Number : 2

Sub-Section Id : 394484758

Question Shuffling Allowed : Yes

Question Number : 21 Question Id : 3944847510 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

GOD : ELB :: SAT : _____

1) PWS

2) QXR

3) QWS

4) PYT

Options :

39448428881. ✖ 1

39448428882. ✔ 2

39448428883. ✖ 3

39448428884. ✖ 4

Question Number : 22 Question Id : 3944847511 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

SUWY : LPTX :: PRTV : _____

1) INRU

2) INQU

3) IMRU

4) IMQU

Options :

39448428885. ✖ 1

39448428886. ✖ 2

39448428887. ✖ 3

39448428888. ✔ 4

Question Number : 23 Question Id : 3944847512 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

_____ : Temperature :: Pressure : Barometer

حرارت:: دباؤ: بیرومیٹر۔

1) Altometer — آلٹومیٹر

2) Odometer — ووڈومیٹرس

3) Oscilloscope — آسی لیس اسکوپ

4) Thermometer — تھرمامیٹر

Options :

39448428889. ✖ 1

39448428890. ✖ 2

39448428891. ✖ 3

39448428892. ✔ 4

Question Number : 24 Question Id : 3944847513 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

13Δ12 : 5 :: 10Δ8 : ____

1) 6

2) 7

3) 8

4) 9

Options :

39448428893. ✔ 1

39448428894. ✖ 2

39448428895. ✖ 3

39448428896. ✖ 4

Question Number : 25 Question Id : 3944847514 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

PCD : SGI :: BKS : _____

1) EJT

2) CLU

3) EPX

4) EOX

Options :

39448428897. ✖ 1

39448428898. ✖ 2

39448428899. ✖ 3

39448428900. ✔ 4

Question Number : 26 Question Id : 3944847515 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

16 : (E, C) :: _____ : (G, D)

1) 31

2) 32

3) 33

4) 34

Options :

39448428901. ✖ 1

39448428902. ✖ 2

39448428903. ✔ 3

39448428904. ✖ 4

Question Number : 27 Question Id : 3944847516 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

0215A20 : BOAT :: _____ : SINK

1) 1808N12

2) 1808N11

3) 1909N11

4) 1909N12

ZOLLEGE.in

Options :

39448428905. ✖ 1

39448428906. ✖ 2

39448428907. ✔ 3

39448428908. ✖ 4

Question Number : 28 Question Id : 3944847517 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

_____ : FHEG :: NPMO : RTQS

1) CEBD

2) ACZB

3) BADC

4) BDAC

Options :

39448428909. ✖ 1

39448428910. ✖ 2

39448428911. ✖ 3

39448428912. ✔ 4

Question Number : 29 Question Id : 3944847518 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

7 : 342 :: 9 : _____

1) 728

2) 729

3) 730

4) 732

Options :

39448428913. ✔ 1

39448428914. ✖ 2

39448428915. ✖ 3

39448428916. ✖ 4

Question Number : 30 Question Id : 3944847519 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Problem Solving

Sequence and Series

ZOLLEGE.in

$5 \times 6 \times 7 \times 8 : 4! :: 9 \times 10 \times 11 \times 12 :$ _____

1) 7!

2) 5!

3) 6!

4) 4!

Options :

39448428917. ✖ 1

39448428918. ✖ 2

39448428919. ✖ 3

39448428920. ✔ 4

Sub-Section Number : 3

Sub-Section Id : 394484759

Question Shuffling Allowed : Yes

Question Number : 31 Question Id : 3944847520 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note : In questions numbered 31 to 35 pick the odd thing out.

ZOLLEGE.in

1) $x^3 - 6x^2 + 12x - 8 = 0$

2) $x^3 - 6x^2 + 6x + 16 = 0$

3) $x^3 - 12x^2 + 12x + 25 = 0$

4) $x^3 - 24x^2 + 24x + 32 = 0$

Options :

39448428921. ✔ 1

39448428922. ✖ 2

39448428923. ✖ 3

39448428924. ✖ 4

Question Number : 32 Question Id : 3944847521 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : In questions numbered 31 to 35 pick the odd thing out.

ZOLLEGE.in

1) 12th Dec 2019

2) 10th Aug 2019

3) 8th Jun 2019

4) 11th May 2019

12ڈسمبر ،2019

10،اگست2019

8،جون2019

11،مئی2019

Options :

39448428925. ✔ 1

39448428926. ✖ 2

39448428927. ✖ 3

39448428928. ✖ 4

Question Number : 33 Question Id : 3944847522 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : In questions numbered 31 to 35 pick the odd thing out.

1) 125

2) 343

3) 729

4) 999

ZOLLEGE.in

Options :

39448428929. ✖ 1

39448428930. ✖ 2

39448428931. ✖ 3

39448428932. ✔ 4

Question Number : 34 Question Id : 3944847523 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : In questions numbered 31 to 35 pick the odd thing out.

1) Fish مچھلی

2) Tortoise کچوا

3) Frog مینڈک

4) Crocodile مگرمچھ

Options :

39448428933. ✔ 1

39448428934. ✖ 2

39448428935. ✖ 3

39448428936. ✖ 4

Question Number : 35 Question Id : 3944847524 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Note : In questions numbered 31 to 35 pick the odd thing out.

1) Book : Read — کتاب: پڑھنا

2) Pen : Write — پن: لکھنا

3) Table : Sit — ٹیبل: بیٹھنا

4) House : Live — گھر: رہنا

Options :

39448428937. ✖ 1

39448428938. ✖ 2

39448428939. ✔ 3

39448428940. ✖ 4

Sub-Section Number : 4

Sub-Section Id : 394484760

Question Shuffling Allowed : Yes

Question Number : 36 Question Id : 3944847525 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

10, 26, 50, 122, _____

1) 170

2) 154

3) 146

4) 138

Options :

39448428941. ✔ 1

39448428942. ✖ 2

39448428943. ✖ 3

39448428944. ✖ 4

Question Number : 37 Question Id : 3944847526 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

2, 10, 30, 68, 130, ____

1) 220

2) 221

3) 222

4) 234

Options :

39448428945. ✖ 1

39448428946. ✖ 2

39448428947. ✔ 3

39448428948. ✖ 4

Question Number : 38 Question Id : 3944847527 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

27, 125, 343, 1331, _____

1) 1573

2) 2057

3) 2197

4) 2541

Options :

39448428949. ✖ 1

39448428950. ✖ 2

39448428951. ✔ 3

39448428952. ✖ 4

Question Number : 39 Question Id : 3944847528 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

$\frac{5}{3}, \frac{29}{6}, \frac{71}{9}, \text{——}$

1) $\frac{131}{12}$

2) $\frac{121}{12}$

3) $\frac{111}{12}$

4) $\frac{101}{12}$

Options :

39448428953. ✔ 1

39448428954. ✖ 2

39448428955. ✖ 3

39448428956. ✖ 4

Question Number : 40 Question Id : 3944847529 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

AY, BV, CQ, _____

1) DM

2) DL

3) DK

4) DJ

Options :

39448428957. ✖ 1

39448428958. ✖ 2

39448428959. ✖ 3

39448428960. ✔ 4

Question Number : 41 Question Id : 3944847530 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

remdesivir, mdesivirre, esivirremd, _____, irremdesiv

1) ivirermdre

2) ivirrmedes

3) ivirermder

4) ivirremdes

Options :

39448428961. ✖ 1

39448428962. ✖ 2

39448428963. ✖ 3

39448428964. ✔ 4

Question Number : 42 Question Id : 3944847531 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

$\frac{1}{3}, 1\frac{1}{3}, 2\frac{5}{6}, 4\frac{5}{6}, 7\frac{1}{3}, _____$

1) $10\frac{1}{3}$

2) $10\frac{2}{3}$

3) 11

4) $11\frac{1}{3}$

Options :

39448428965. ✔ 1

39448428966. ✖ 2

39448428967. ✖ 3

39448428968. ✖ 4

Question Number : 43 Question Id : 3944847532 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

BCE, EGK, KMQ, _____

1) QSW

2) QSU

3) QST

4) QSV

Options :

39448428969. ✔ 1

39448428970. ✖ 2

39448428971. ✖ 3

39448428972. ✖ 4

Question Number : 44 Question Id : 3944847533 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

25, 20, $16\frac{2}{3}$, $14\frac{2}{7}$, $12\frac{1}{2}$, _____

1) $11\frac{1}{10}$

2) $11\frac{1}{9}$

3) $11\frac{1}{8}$

4) $11\frac{3}{7}$

Options :

39448428973. ✖ 1

39448428974. ✔ 2

39448428975. ✖ 3

39448428976. ✖ 4

Question Number : 45 Question Id : 3944847534 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note : Each of the questions from 36 to 45 follow a definite pattern, observe the same and fill in the blanks with suitable answers.

نوٹ: 36 تا 45 سوالات ایک خاص نمونہ رکھتے ہیں۔انھیں دیکھواور مناسب جگہوں پران کو پُر کرو۔

ZOLLEGE.in

Triangle, _____, Pentagon, _____ , _____, Octagon

مثلث_____، پنٹگان_____، آکٹوگان

1) Rectangle, Hexagon, Heptagon

مثلث، ہیگٹاگان، ہیپٹگان

2) Rectangle, Circle, Nonagon

مثلث، اسکراس، رہوم بس

3) Rectangle, Square, Rhombus

مثلث، کواڈرل میٹرس، اسکوائرس

4) Rectangle, Quadrilateral, Square

مثلث، Quadrilateral، اسکوائرس

Options :

39448428977. ✔ 1

39448428978. ✖ 2

39448428979. ✖ 3

39448428980. ✖ 4

Sub-Section Number : 5

Sub-Section Id : 394484761

Question Shuffling Allowed : Yes

Question Id : 3944847535 Question Type : COMPREHENSION Sub Question Shuffling Allowed :

Yes Group Comprehension Questions : No

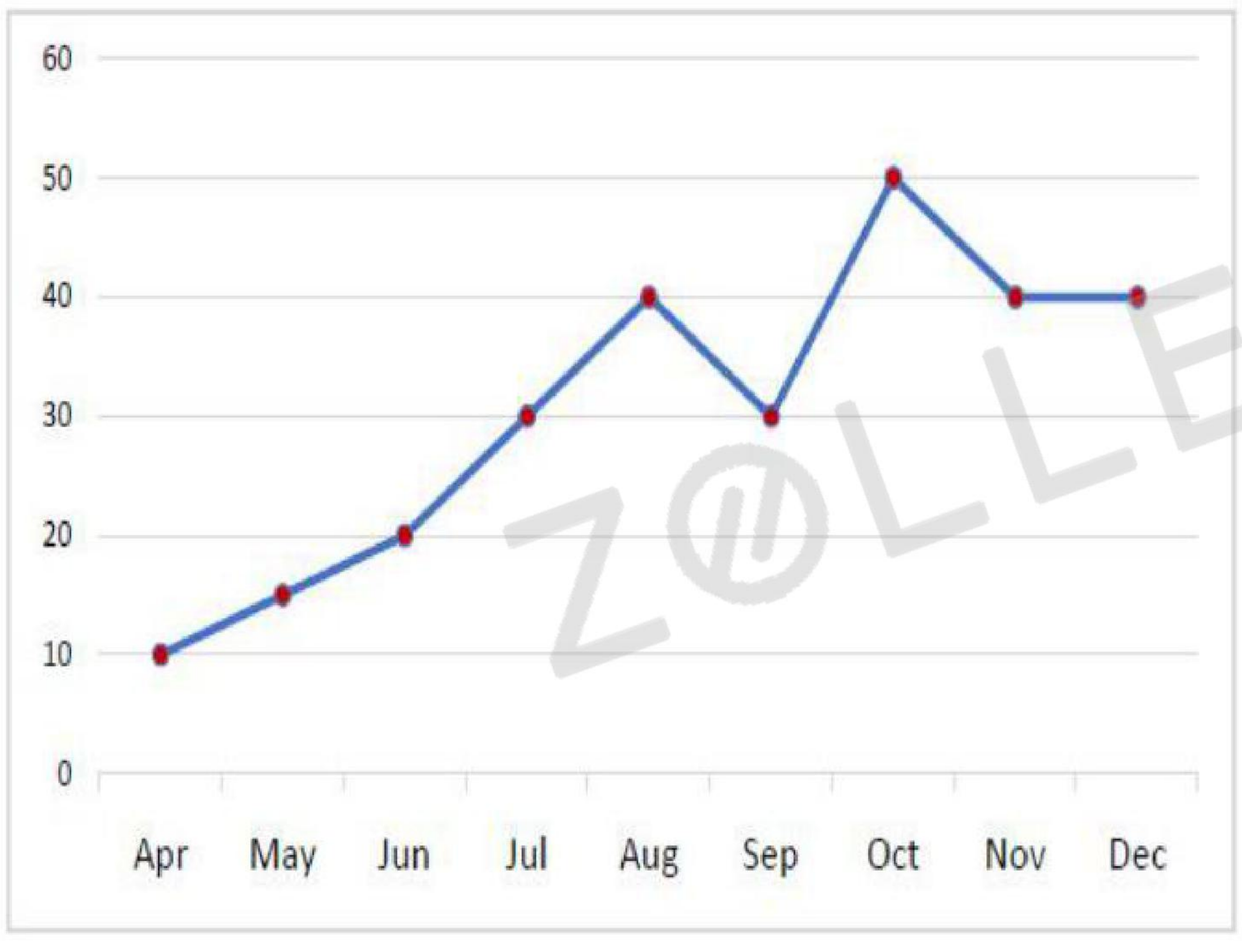
Question Numbers : (46 to 48)

(b) Data Analysis (Marks : 10)

ZOLLEGE.in

The number (in thousand) of tests of corona virus that showed positive in 9 months from April 2020 to December 2020 in a state is depicted in the following graph. Based on the data answer the questions 46-48.

9ماہ میں کرائے گئے کروناوائرس کے ٹسٹ جو مثبت رجحان بتلارہے ہیں(ہزار) میں ہیں جو اپریل 2020، سے ڈسمبر، 2020 ہیں حسب ذیل گراف میں بتلائے گئے ہیں۔ فراہم کئے گئے مواد کی مدد سے سوالات 46-48 جواب دیجئے۔



Sub questions

Question Number : 46 Question Id : 3944847536 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

During which months there was maximum increase in the positive cases?

کونسے مہینے میں مثبت کیسس میں اضافہ ہوا ہے۔

1) April – May اپریل۔مئی

2) July-August جولائی۔اگسٹ

3) September-October سپٹمبر۔اکٹوبر

4) November-December نومبر۔ڈسمبر

Options :

39448428981. ✖ 1

39448428982. ✖ 2

39448428983. ✔ 3

39448428984. ✖ 4

Question Number : 47 Question Id : 3944847537 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

In which months was there neither increase nor decrease in the positive cases observed?

کونسے مہینوں میں، مثبت کیسس میں اضافہ بھی نہیں ہوااور کمی بھی نہیں ہوئی۔

1) April – May اپریل۔مئی

2) July-August جولائی۔اگست

3) October- November اکٹوبر۔نومبر

4) November-December نومبر۔ڈسمبر

Options :

39448428985. ✖ 1

39448428986. ✖ 2

39448428987. ✖ 3

39448428988. ✔ 4

Question Number : 48 Question Id : 3944847538 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the percentage increase of the positive cases in August in comparison to April?

اپریل کے مقابلے اگست میں کتنے فیصد مثبت کیسس میں اضافہ ہوا ہے۔

1) 400

2) 100

3) $66\frac{2}{3}$

4) 25

Options :

39448428989. ✔ 1

39448428990. ✖ 2

39448428991. ✖ 3

39448428992. ✖ 4

Sub-Section Number : 6

Sub-Section Id : 394484762

Question Shuffling Allowed : Yes

Question Id : 3944847539 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (49 to 53)

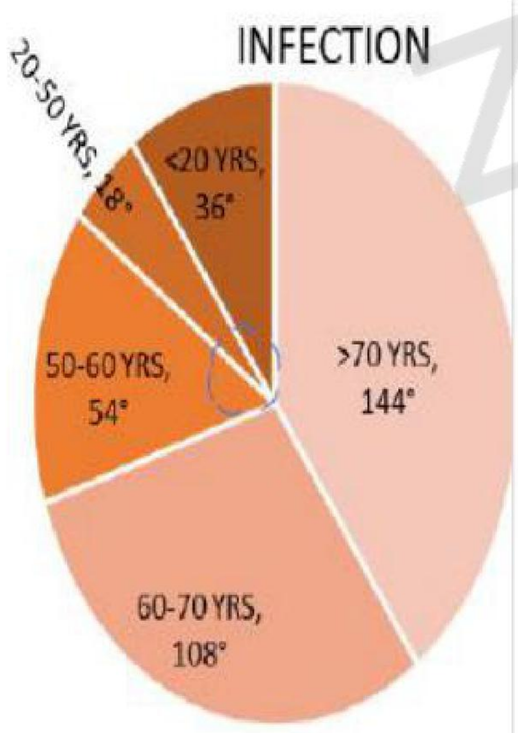
(b) Data Analysis **(Marks : 10)**

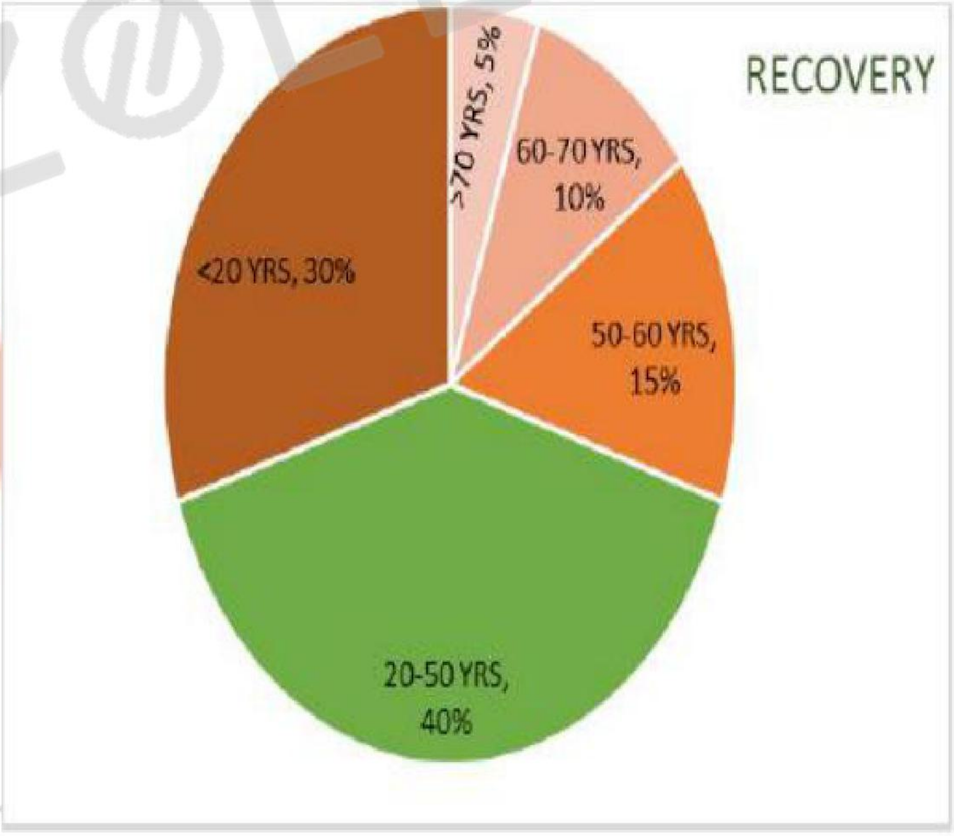
ZOLLEGE.in

Based on a private study on the rates of infection and recovery from COVID-19 on different age groups in a population, not following the three precautionary protocols, some projections are made. These results are shown in the following Pie charts. Based on this data answer the questions from 49 to 53.

کوویڈ19 کے تعلق سے infection اور صحت یابی کے بارے میں کی گئی ایک خانگی مطالعہ کے متعلق سے مواد موجود ہے۔ جہاں تینوں احتیاطی تدابیر کے تعلق سے کوئی اقدام نہیں کیا گیا ہے۔ ایک Pie charts سے بتایا گیا ہے۔

سوالات 49 تا 53 کے جوابات دیجئے۔





Sub questions

Question Number : 49 Question Id : 3944847540 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the percentage of the infection rate among the population of age more than 70 years?

70 سال سے زائد عمر والوں کے لئے infection کا اوسط فیصدی کیا ہے۔

1) 45

2) 40

3) 36

4) 30

Options :

39448428993. ✖ 1

39448428994. ✔ 2

39448428995. ✖ 3

39448428996. ✖ 4

Question Number : 50 Question Id : 3944847541 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the sectorial angle in the recovery sheet of the population in the age group of less than 20 years?

20 سال کی عمر سے کم لوگوں میں صحت یابی کا sectorial angle کیا ہے۔

1) 125^0

2) 108^0

3) 96^0

4) 75^0

Options :

39448428997. ✖ 1

39448428998. ✔ 2

39448428999. ✖ 3

39448429000. ✖ 4

Question Number : 51 Question Id : 3944847542 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What will be the ratio of the infected to the recovery in a population of 50,000 in the age group of 60-70 years?

60-70 سال کے عمر والوں میں جو 50,000 کی آبادی پر مشتمل ہے متاثرہ اور صحت یابی کی نسبت کیا ہے۔

1) 10 : 1

2) 3 : 2

3) 3 : 4

4) 3 : 5

Options :

39448429001. ✔ 1

39448429002. ✖ 2

39448429003. ✖ 3

39448429004. ✖ 4

Question Number : 52 Question Id : 3944847543 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

In which age group, is the rate of recovery is equal to the rate of infection?

کونسے age group میں صحت یابی کی شرح متاثرہ شرح کے برابر ہے۔

1) >70

2) 60 – 70

3) 50 – 60

4) 20 – 50

Options :

39448429005. ✖ 1

39448429006. ✖ 2

39448429007. ✔ 3

39448429008. ✖ 4

Question Number : 53 Question Id : 3944847544 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

After the first dose of vaccination to senior citizens (age >60 years) it is expected that the infection rate will be reduced by 50% and the recovery rate increased by 40%. What will be the resulting ratio of the infection and recovery rates?

سینئر سٹی زن کوvaccination دینے کے بعد یہ اندازہ لگایا گیا ہے کہ شرح بیماری 50% تک کم ہو جائے گی۔اور صحت یابی کی شرح میں 40% کا اضافہ ہو گا۔ صحت یابی اور بیماری کی شرح میں کیا نتیجہ خیز نسبت ہو گی۔

1) 10 : 1

2) 7 : 2

3) 5 : 3

4) 5 : 4

Options :

39448429009. ✖ 1

39448429010. ✖ 2

39448429011. ✔ 3

39448429012. ✖ 4

Sub-Section Number : 7

Sub-Section Id : 394484763

Question Shuffling Allowed : Yes

Question Id : 3944847545 Question Type : COMPREHENSION Sub Question Shuffling Allowed :

Yes Group Comprehension Questions : No

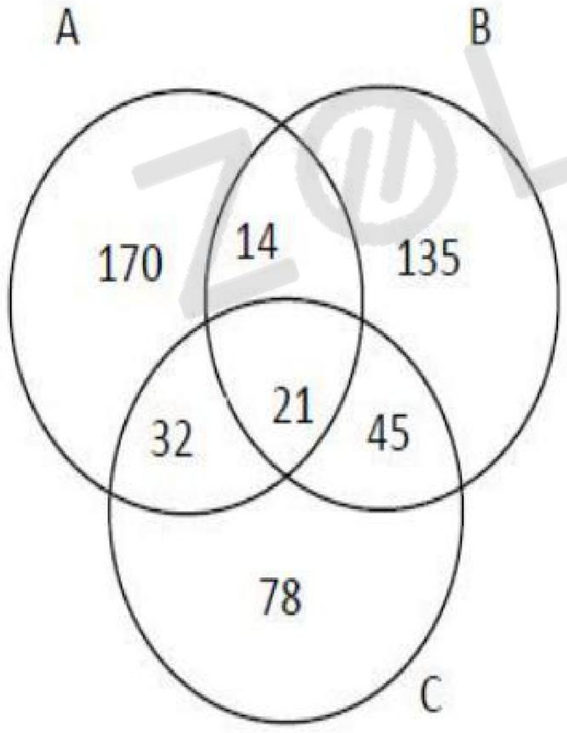
Question Numbers : (54 to 55)

ZOLLEGE.in

(b) Data Analysis **(Marks : 10)**

The following Venn diagram shows the number of students in a college who study the courses A, B and C. Based on the information given, answer the questions 54 and 55.

حسب ذیل Venn diagram ایک کالج کے طلبا کو ظاہر کرتا ہے جو کورسیس A, B C. میں پڑھتے ہیں دیئے ہوئے مواد کی مدد سے 54تا55 سوالات کے جوابات دیجئے۔



Sub questions

Question Number : 54 Question Id : 3944847546 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The number of students who study at least two out of the three courses A, B and C is

دیئے ہوئے تین کورسیس A, B C. میں کم سے کم 2 کورسیس میں پڑھتے ہیں۔ان کی تعداد بتاؤ۔

1) 91

2) 383

3) 103

4) 112

Options :

39448429013. ✖ 1

39448429014. ✖ 2

39448429015. ✖ 3

39448429016. ✔ 4

Question Number : 55 Question Id : 3944847547 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The number of students who study the courses either B or C but not A is

Bاور C کورسیس میں پڑھنے والے بچوں کی تعداد جو A کورسیس نہیں پڑھتے ہیں ہوتی ہے؟

1) 45

2) 180

3) 258

4) 279

Options :

39448429017. ✖ 1

39448429018. ✖ 2

39448429019. ✔ 3

39448429020. ✖ 4

Sub-Section Number : 8

Sub-Section Id : 394484764

Question Shuffling Allowed : Yes

Question Id : 3944847548 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (56 to 60)

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

In a certain code the alphabets A, B, C, … are given ranks 1, 2, 3,…. respectively, and then n^{th} letter is coded as k^{th} letter where $1 \leq k \leq 26$ and $5n \equiv k(mod\ 26)$. For example, the 12^{th} letter L is coded as the 8^{th} letter H because $60 \equiv 8\ (mod\ 26)$. For decoding reverse process is followed. Based on this answer questions from 56 to 60

--

کسی کوڈ میں حروف A, B, C کو بالترتیب 1, 2, 3 درجہ دیا گیا ہے۔ تب n^{th} حروف کو بطور k^{th} حروف جہاں اور $1 \leq k \leq 26$ ‘ $5n \equiv k(mod\ 26)$. مثال کے طور پر 12^{th} حروف کو 8^{th} کوڈ کیا گیا ہے حروف H کیوں کہ $60 \equiv 8\ (mod\ 26)$ کوڈنگ کے لیے الٹا طریقہ اختیار کیا گیا ہے۔ اس مواد کی مدد سے سوالات 56 to 60 کے جوابات لکھو

Sub questions

Question Number : 56 Question Id : 3944847549 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The code word for PRINCE is

PRINCE کے لئے کوڈ کے حروف ہوتے ہیں۔

1) BLRSPY

2) BLRTOY

3) BLSROY

4) BLSTPY

Options :

39448429021. ✖ 1

39448429022. ✖ 2

39448429023. ✔ 3

39448429024. ✖ 4

Question Number : 57 Question Id : 3944847550 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The code word for ALIKE is

ALIKE کے کوڈ الفاظ ہوتے ہیں۔

1) EGRDY

2) EGSCY

3) EHRDY

4) EHSCY

Options :

39448429025. ✖ 1

39448429026. ✖ 2

39448429027. ✖ 3

39448429028. ✔ 4

Question Number : 58 Question Id : 3944847551 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The letters that are not changed under the given code are

حسب ذیل دیئے ہوئے کوڈ میں تبدیل نہ ہونے والے حروف ہوتے ہیں۔

1) M, T

2) L, Z

3) L, T

4) M, Z

Options :

39448429029. ✖ 1

39448429030. ✖ 2

39448429031. ✖ 3

39448429032. ✔ 4

Question Number : 59 Question Id : 3944847552 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The string of letters that is coded as WORLD is

حروف کا مجمع جس کو WORLD کوڈ کیا گیا ہے' ہوتا ہے۔

1) OCNRF

2) PBMRF

3) OCMQG

4) PBNQG

Options :

39448429033. ✔ 1

39448429034. ✖ 2

39448429035. ✖ 3

39448429036. ✖ 4

Question Number : 60 Question Id : 3944847553 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The string of letters that is coded as DIARY is

DIARY کوڈ کیا گیا ہے۔ ہوتا ہے حروف کا مجموعہ جس کو

1) FHVNE

2) FGUNE

3) FGUMD

4) FHUMD

Options :

39448429037. ✖ 1

39448429038. ✔ 2

39448429039. ✖ 3

39448429040. ✖ 4

Sub-Section Number : 9

Sub-Section Id : 394484765

Question Shuffling Allowed : Yes

Question Number : 61 Question Id : 3944847554 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

If COVID is coded as FRYLG then the code for CORONA is

اگر COVID کو FRYLG ' COVID ' کیا جائے تو CORONA کا کوڈ کیا ہو گا۔

1) FRVSTD

2) FRWTUD

3) FRXTZD

4) FRURQD

Options :

39448429041. ✖ 1

39448429042. ✖ 2

39448429043. ✖ 3

39448429044. ✔ 4

Question Number : 62 Question Id : 3944847555 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

In a certain code the word PINK is coded as OLQJ and the word BLUE is coded as VFCM, then the word GREY is coded as

کسی کوڈ میں لفظ PINK کو OLQJ کیا گیا ہے۔ اور لفظ BLUE کو VFCM تو پھر لفظ GREY کو کیا کوڈ کیا جائے گا۔

1) FZHS

2) FUHX

3) ALMG

4) AMNF

Options :

39448429045. ✔ 1

39448429046. ✖ 2

39448429047. ✖ 3

39448429048. ✖ 4

Question Number : 63 Question Id : 3944847556 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

In a certain code RELATION is coded as IVOZGRLM. Then which word is coded as UFMXGRLM ?

کسی کوڈ میں RELATION کو بطور IVOZGRLM کوڈ کیا گیا ہے تب کونسے لفظ کو UFMXGRLM کوڈ کیا جائے گا۔

1) FUNCTION

2) AARDVARK

3) ADVANCED

4) SYLLABLE

Options :

39448429049. ✔ 1

39448429050. ✖ 2

39448429051. ✖ 3

39448429052. ✖ 4

Question Number : 64 Question Id : 3944847557 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

If CATCH is coded as GEXGL, which word is coded as HVST ?

اگر CATCH کو GEXGL کوڈ کیا گیا ہو تو HVST کے لئے کونسا لفظ کوڈ کیا جائے گا۔

1) SLIP

2) FISH

3) HOLD

4) DROP

Options :

39448429053. ✖ 1

39448429054. ✖ 2

39448429055. ✖ 3

39448429056. ✔ 4

Question Number : 65 Question Id : 3944847558 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(c) Coding and Decoding Problems (Marks: 10)

ZOLLEGE.in

If HIGH is coded as 08090708, then the DARE is coded as

اگر HIGH کو 08090708 کوڈ کیا گیا ہے۔ تو DARE کو کونسا لفظ کوڈ کیا جائے گا۔

1) 04011805

2) 04011705

3) 04011605

4) 04011505

Options :

39448429057. ✔ 1

39448429058. ✖ 2

39448429059. ✖ 3

39448429060. ✖ 4

Sub-Section Number : 10

Sub-Section Id : 394484766

Question Shuffling Allowed : Yes

Question Number : 66 Question Id : 3944847559 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

ZOLLEGE.in

If March 2nd of an year is a Sunday, then the day on November 20th of the same year is ?

اگر کسی سال کا مارچ، 2 اتوار ہوتا ہے تب اسی سال نومبر، 20 کیا ہوتا ہے۔

1) Wednesday چہارشنبہ

2) Thursday جمعرات

3) Friday جمعہ

4) Saturday ہفتہ

Options :

39448429061. ✖ 1

39448429062. ✔ 2

39448429063. ✖ 3

39448429064. ✖ 4

Question Number : 67 Question Id : 3944847560 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

ZOLLEGE.in

When the time in the clock is 7.13 AM, then the smaller angle between the minutes hand and hours hand, in degrees is

کسی گھڑی میں وقت ' 7 اور 13 ہوتا ہے۔ تب چھوٹا سا زاویہ 'minutes اور گھنٹوں میں ہوتا ہے۔

1) $144\frac{1}{2}$

2) $137\frac{1}{2}$

3) $215\frac{1}{2}$

4) $222\frac{1}{2}$

Options :

39448429065. ✔ 1

39448429066. ✖ 2

39448429067. ✖ 3

39448429068. ✖ 4

Question Number : 68 Question Id : 3944847561 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems **(Marks : 10)**

ZOLLEGE.in

A clock was set at right time at 8 am on Monday. It is known that the clock gains 10 minutes every 24 hours. If the clock shows 1 pm on Tues day, what would be the correct time?

پیر کو 8 بجے صبح کسی گھڑی کو set کیا جاتا ہے۔ یہ معلوم ہوتا ہے کہ گھڑی 10 منٹ پر 24 گھنٹوں میں تیز چلتی ہے۔ اگر گھڑی منگل کے دن 1 کا وقت بتلاتی ہے تو۔ صحیح وقت کیا ہوگا۔

1) 4.48 pm

2) 4.45 pm

3) 4.42 pm

4) 4.40 pm

Options :

39448429069. ✔ 1

39448429070. ✖ 2

39448429071. ✖ 3

39448429072. ✖ 4

Question Number : 69 Question Id : 3944847562 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

ZOLLEGE.in

Let the Blood relationships between 2 persons be defined as

حسب ذیل میں دو افراد کے خونی رشتہ کو ظاہر کیا گیا ہے۔

i) $X + Y \Rightarrow X$ is husband of Y

'X' ، Y کا شوہر ہے $X + Y \Rightarrow$

ii) $X - Y \Rightarrow X$ is sister of Y

'X' ، Y کی بہنیں $X - Y \Rightarrow$

iii) $X \times Y \Rightarrow X$ is son of Y

'X' ، Y کا شوہر $X \times Y \Rightarrow$

What is the relationship A to B in $A - C \times B$?

A to B ' ، $A - C \times B$ میں کیا رشتہ ہے۔

1) Daughter بیٹی

2) Sister بہن

3) Niece بھانجی

4) Daughter-in-law بہو

Options :

39448429073. ✔ 1

39448429074. ✖ 2

39448429075. ✖ 3

39448429076. ✖ 4

ZOLLEGE.in

Question Number : 70 Question Id : 3944847563 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

Mr. A reaches office 48 minutes before Mr.B who came to the office 12 minutes later than Mr.C. If C came to the office at 10.25 am ; the time of arrival of A to the office is ?

Mr. A ' Mr.B سے 48 منٹ پہلے پہنچتا ہے جو آفس کو 12 منٹ تاخیر سے آتا ہے۔ تب C آفس کو 10.25 آئے تو A کا آفس کو آنے کا وقت کیا ہوگا۔

1) 9.49 am

2) 9.37 am

3) 11.25 am

4) 11.01 am

Options :

39448429077. ✔ 1

39448429078. ✖ 2

39448429079. ✖ 3

39448429080. ✖ 4

ZOLLEGE.in

Question Number : 71 Question Id : 3944847564 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

Reaching the place of meeting 20 minutes before 8.50 hours, Satish found himself 30 minutes earlier than the man who came 40 minutes late. What was the scheduled time of the meeting?

مقام میٹنگ کو 8.50 منٹ سے 20 منٹ پہلے آتے ہوئے ستیش اپنے آپ کو 30 منٹ پہلے بہ نسبت وہ شخص کے جو 40 منٹ دیر سے آتا ہے۔ میٹنگ کا مقررہ وقت کیا ہے؟

1) 8.10

2) 8.20

3) 8.00

4) 8.05

Options :

39448429081. ✖ 1

39448429082. ✔ 2

39448429083. ✖ 3

39448429084. ✖ 4

ZOLLEGE.in

Question Number : 72 Question Id : 3944847565 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

Five persons A, B, C, D, E sit on a row as follows. C sits to the right of B, E sits to the right of D, who is on the right of C and A sits to the left of B. Then the person in the middle is

پانچ افراد A, B, C, D, E ایک لائن میں حسب ذیل طریقہ سے بیٹھتے ہیں۔ 'C' B کے سیدھے جانب بیٹھتا ہے' 'D' E کے سیدھے جانب بیٹھتا ہے۔ جو C اور A کے سیدھے جانب بیٹھتا ہے جو B کے بائیں جانب ہے۔ تب درمیان میں کون شخص ہے۔

1) B

2) C

3) D

4) E

Options :

39448429085. ✖ 1

39448429086. ✔ 2

39448429087. ✖ 3

ZOLLEGE.in

39448429088. ✖ 4

Question Number : 73 Question Id : 3944847566 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

If $p \oplus q = p^2 + q^2 - p - q$ and $p \Delta q = pq - p - q$, *then* $(6 \oplus 5) \Delta 5 =$

$(6 \oplus 5) \Delta 5 =$ تب $p \oplus q = p^2 + q^2 - p - q$ تب $p \Delta q = pq - p - q$,

1) 200

2) 175

3) 195

4) 179

Options :

39448429089. ✖ 1

39448429090. ✖ 2

39448429091. ✔ 3

39448429092. ✖ 4

Question Number : 74 Question Id : 3944847567 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

(d) Date, Time & Arrangement Problems **(Marks : 10)**

If A * B = A + AB + B – 6, then 7 * 8 = ___

7 * 8 = ___ تب ‘A * B = A + AB + B – 6,

1) 55

2) 70

3) 65

4) 49

Options :

39448429093. ✖ 1

39448429094. ✖ 2

39448429095. ✔ 3

39448429096. ✖ 4

Question Number : 75 Question Id : 3944847568 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

(d) Date, Time & Arrangement Problems (Marks : 10)

ZOLLEGE.in

If A means × , B means ÷, C means +, D means − , then 21C3D6A8B2 =

21C3D6A8B2 =تب −کا مطلب D + کا مطلب C ÷ کا مطلب B ‘× کا مطلب Aاگر

1) 0

2) 14

3) 28

4) 48

Options :

39448429097. ✔ 1

39448429098. ✖ 2

39448429099. ✖ 3

39448429100. ✖ 4

ZOLLEGE.in

Mathematical Ability

Section Id :	394484110
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	75
Enable Mark as Answered Mark for Review and Clear Response :	Yes

ZOLLEGE.in

Sub-Section Number : 1

Sub-Section Id : 394484767

Question Shuffling Allowed : Yes

Question Number : 76 Question Id : 3944847569 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

If $2^p + 3^q = 17$ *and* $2^{p+2} - 3^{q+1} = 5$, then $p^2 - q^2 =$

$p^2 - q^2 =$ تب $2^p + 3^q = 17$ اور $2^{p+2} - 3^{q+1} = 5$

1) 3

2) 5

3) 7

4) 16

Options :

39448429101. ✖ 1

39448429102. ✔ 2

39448429103. ✖ 3

39448429104. ✖ 4

Question Number : 77 Question Id : 3944847570 Question Type : MCQ Option Shuffling : No

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

If $3^{4^5} = (3^2)^k$, *then* $k =$

$3^{4^5} = (3^2)^k$ اگر $k =$ تب

1) 10

2) 512

3) 256

4) 20

Options :

39448429105. ✖ 1

39448429106. ✔ 2

39448429107. ✖ 3

39448429108. ✖ 4

Question Number : 78 Question Id : 3944847571 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

If $a : b = 3 : 4$, then $a^2 - ab + b^2 : a^2 + ab + b^2 =$

اگر $a^2 - ab + b^2 : a^2 + ab + b^2$ تب $b = 3 : 4$

1) 13 : 35

2) 13 : 37

3) 37 : 13

4) 35 : 13

Options :

39448429109. ✖ 1

39448429110. ✔ 2

39448429111. ✖ 3

39448429112. ✖ 4

Question Number : 79 Question Id : 3944847572 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

Two vessels of equal capacity are $\frac{1}{3}$ and $\frac{1}{4}$ full with milk. Both the vessels are filled with water and the contents are transferred to a bigger vessel. What will the ratio of water to milk in the bigger vessel?

دو مساوی قوت کے vessels جو دودھ سے بھرے ہوئے ہیں $\frac{1}{3}$ اور $\frac{1}{4}$ ہیں۔ دونوں vessels کو پانی سے بھر دیا جاتا ہے۔ اور ان کو ایک بڑے vessels میں منتقل کر دیا ہے۔ بڑے vessels میں پانی اور دودھ کی نسبت کیا ہو گی۔

1) 17 : 7

2) 17 : 35

3) 20 : 23

4) 20 : 43

Options :

39448429113. ✔ 1

39448429114. ✖ 2

39448429115. ✖ 3

39448429116. ✖ 4

Question Number : 80 Question Id : 3944847573 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Arithmetical Ability

حسابی قابلیت

If $\left(\sqrt[3]{2}\right)^{2x+5} = \left(\sqrt[4]{2}\right)^{3x-6}$, then $x =$

$\left(\sqrt[3]{2}\right)^{2x+5} = \left(\sqrt[4]{2}\right)^{3x-6}$ اگر $X=$ تب

1) 12

2) 28

3) 32

4) 38

Options :

39448429117. ✖ 1

39448429118. ✖ 2

39448429119. ✖ 3

39448429120. ✔ 4

Question Number : 81 Question Id : 3944847574 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Arithmetical Ability

حسابی قابلیت

$$\sqrt{10+2\sqrt{6}+2\sqrt{10}+2\sqrt{15}}=$$

1) $1+\sqrt{3}+\sqrt{7}$

2) $1+\sqrt{2}+\sqrt{7}$

3) $\sqrt{2}+\sqrt{5}+\sqrt{7}$

4) $\sqrt{2}+\sqrt{3}+\sqrt{5}$

Options :

39448429121. ✖ 1

39448429122. ✖ 2

39448429123. ✖ 3

39448429124. ✔ 4

Question Number : 82 Question Id : 3944847575 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

When a number is divided by divisor, the quotient obtained is one-third of the divisor and the remainder is 50% more than the quotient. If the remainder is 30, then the value of the original number is

ایک عدد کو تقسیم کرنے پر حاصل شدہ quotient کی مقدار divisor کے 1/3 کے برابر ہوتی ہے۔(باقی) یا remainder کی مقدار quotient سے 50% زیادہ ہوتی ہے۔اگر remainder کی مقدار 30 ہو تو تب اصل عدد کی قیمت کیا ہو گی۔

1) 1540

2) 1460

3) 1310

4) 1230

Options :

39448429125. ✖ 1

39448429126. ✖ 2

39448429127. ✖ 3

39448429128. ✔ 4

ZOLLEGE.in

Question Number : 83 Question Id : 3944847576 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The remainder obtained when $9^{19} + 6$ is divided by 8 is

حاصل شدہ remainder کی مقدار $9^{19} + 6$ کو 8 سے تقسیم کر دیا جائے تو۔۔۔؟

1) 3

2) 4

3) 5

4) 7

Options :

39448429129. ✖ 1

39448429130. ✖ 2

39448429131. ✖ 3

39448429132. ✔ 4

Question Number : 84 Question Id : 3944847577 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Arithmetical Ability

حسابی قابلیت

What is the smallest number which when increased by 5 is divisible by

3, 6, 9, 15, 20, 24 and 36 ?

3, 6, 9, 15, 20, 24اور36 ؟ وہ چھوٹے سے چھوٹا عدد کونسا ہے جو بڑھ کر 5 ہوتا ہے اور جو قابل تقسیم ہوتا ہے۔

1) 365

2) 360

3) 355

4) 350

Options :

39448429133. ✖ 1

39448429134. ✖ 2

39448429135. ✔ 3

39448429136. ✖ 4

Question Number : 85 Question Id : 3944847578 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

What is the least integer which gives remainder 0 when divided by 2, remainder 4 when divided by 5 and remainder 3 when divided by 7?

7 جبکہ remainder 3 دیتا ہے جب کہ 2 سے قابل تقسیم ہو۔ 0 remainder کم سے کم integer کیا ہوتا ہے جو

سے قابل تقسیم ہو۔ قیمت معلوم کرو ۔

1) 164

2) 24

3) 94

4) 31

Options :

39448429137. ✖ 1

39448429138. ✔ 2

39448429139. ✖ 3

39448429140. ✖ 4

Question Number : 86 Question Id : 3944847579 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

The average of four consecutive even integers is 37. Then the product of the first and fourth is

پچھلے چار سال کا جفت integer 37 ہے تب پہلی اور چوتھی پیداوار کیا ہو گی۔

1) 1480

2) 1420

3) 1380

4) 1360

Options :

39448429141. ✖ 1

39448429142. ✖ 2

39448429143. ✖ 3

39448429144. ✔ 4

Question Number : 87 Question Id : 3944847580 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

The value of $5+\cfrac{1}{6+\cfrac{1}{8+\frac{1}{2}}}$ is

$5+\cfrac{1}{6+\cfrac{1}{8+\frac{1}{2}}}$ کی قیمت = ہے؟

1) $5\frac{17}{104}$

2) $6\frac{8}{105}$

3) $7\frac{9}{106}$

4) $8\frac{1}{117}$

Options :

39448429145. ✔ 1

39448429146. ✖ 2

39448429147. ✖ 3

39448429148. ✖ 4

Question Number : 88 Question Id : 3944847581 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

The ascending order of the surds $4\sqrt{13}$, $5\sqrt{9}$, $6\sqrt{6}$, $7\sqrt{5}$ is

گھٹتے ہوئے $4\sqrt{13}$, $5\sqrt{9}$, $6\sqrt{6}$, $7\sqrt{5}$ کی قدر ہوتی ہے۔۔۔؟

1) $7\sqrt{5}$, $6\sqrt{6}$, $5\sqrt{9}$, $4\sqrt{13}$

2) $4\sqrt{13}$, $5\sqrt{19}$, $6\sqrt{6}$, $7\sqrt{5}$

3) $7\sqrt{5}$, $5\sqrt{9}$, $6\sqrt{6}$, $4\sqrt{13}$

4) $4\sqrt{13}$, $6\sqrt{6}$, $5\sqrt{9}$, $7\sqrt{5}$

Options :

39448429149. ✖ 1

39448429150. ✖ 2

39448429151. ✖ 3

39448429152. ✔ 4

Question Number : 89 Question Id : 3944847582 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

What is the difference between the largest and the smallest of the following rational numbers?

مندرجہ ذیل کم سے کم اور زیادہ سے زیادہ معقول عددوں میں کیا فرق ہوتا ہے۔

$$\frac{7}{12}, \frac{13}{18}, \quad \frac{19}{36}, \frac{5}{6}$$

1) $\frac{1}{4}$

2) $\frac{1}{9}$

3) $\frac{11}{36}$

4) $\frac{13}{36}$

Options :

39448429153. ✖ 1

39448429154. ✖ 2

39448429155. ✔ 3

39448429156. ✖ 4

ZOLLEGE.in

Question Number : 90 Question Id : 3944847583 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

In a mixture of 124 litres of milk and water, the water content is 25%. If 31 litres of water is added to the mixture, then the ratio of milk to water in 155 litres of mixture is

124 لیٹر دودھ اور پانی کی ملاوٹ میں، پانی کی مقدار 25% ہوتی ہے اگر 31 لیٹر پانی کی زاید مقدار ملادی جائے تو دودھ اور پانی کی نسبت 155 لیٹر ہوتی ہے۔ تب اس کی مقدار معلوم کرو۔

1) 2 : 3

2) 3 : 2

3) 3 : 4

4) 4 : 3

Options :

39448429157. ✖ 1

39448429158. ✔ 2

39448429159. ✖ 3

39448429160. ✖ 4

ZOLLEGE.in

Question Number : 91 Question Id : 3944847584 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

If the numerator of a fraction is increased by 20% and the denominator is decreased by 10%, then the percentage increases in that fraction is

اگر کسی مساوات میں numerator کی قیمت میں 20% اور denominator سے 10% کم کر دیا جائے۔ تو اس مساوات میں اضافہ فیصدی معلوم کرو۔

1) 50

2) $45\frac{1}{2}$

3) $40\frac{2}{3}$

4) $33\frac{1}{3}$

Options :

ZOLLEGE.in

39448429161. ✖ 1

39448429162. ✖ 2

39448429163. ✖ 3

39448429164. ✔ 4

Question Number : 92 Question Id : 3944847585 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

The profit made by selling an article at Rs.1350 is twice the loss incurred when the same article is sold at Rs.900. To get profit of 25%, the selling price of that article is (in rupees)

کسی شئے کو فروخت کرنے پر حاصل شدہ نفع 1350 ہے جو اُس شئے کو دوبارہ فروخت کرنے پر 900 روپئے حاصل ہوتے ہیں۔ 25% نفع حاصل کرنے کے لئے اس شئے کی قیمت فروخت کیا ہو گی۔ (روپیوں میں)۔

1) 1470.5

2) 1392.5

3) 1312.5

4) 1275.5

Options :

39448429165. ✖ 1

39448429166. ✖ 2

39448429167. ✔ 3

39448429168. ✖ 4

Question Number : 93 Question Id : 3944847586 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The profit earned by selling an article for Rs.900 is double the loss incurred when the same article is sold for Rs.450. At what price should the article be sold to make 25% profit?

900روپیوں پر ایک شئے کو فروخت کرنے پر اس کی قیمت 450روپیوں میں فروخت ہونے والے شئے کی دوگنا ہو جاتی ہے25% نفع کمانے کے لئے اس شئے کو کس قیمت پر فروخت کیا جانا چاہیئے۔

1) 600

2) 750

3) 800

4) Data inadequate

Options :

39448429169. ✖ 1

39448429170. ✔ 2

39448429171. ✖ 3

39448429172. ✖ 4

Question Number : 94 Question Id : 3944847587 Question Type : MCQ Option Shuffling : No

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

Two persons A and B are partners in a business. Their capitals are in the ratio 4 : 3. The time kept the capitals in the business are in the ratio 5 : 6. If, at the end of the year A gets a share of Rs.15200 in the profit, then the share of B in rupees is

دوافراد A اور B ایک کاروبار کے شریک ہیں۔ان کے سرمایوں کی نسبت 3 : 4 ہے۔6 : 5 کی نسبت میں وہ اپنا سرمایہ کاروبار میں رکھتے ہیں۔اگر سال کے ختم پر A نفع میں 15200 حصہ حاصل کرے تب B کا حصہ کاروبار میں کیا ہوگا۔

1) 14680

2) 13680

3) 12680

4) 14180

Options :

39448429173. ✖ 1

39448429174. ✔ 2

ZOLLEGE.in

39448429175. ✖ 3

39448429176. ✖ 4

Question Number : 95 Question Id : 3944847588 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

ZOLLEGE.in

A person starts a business with some capital. After 3 months B joins the business with the capital being 60% of A's capital and C joins with 80% of capital of A. At the end of the year they made a profit of Rs.328000. The share of C in the profit (in rupees)

ایک شخص کچھ سرمایہ سے کاروبار شروع کرتا ہے۔جو 3 ماہ کے بعد B کاروبار میں شریک ہو جاتا ہے جس کا سرمایہ A کے سرمایہ کا 60% ہوتا ہے اور A'C کے 80% سرمایہ کے برابر شریک ہو جاتا ہے۔سال کے ختم پر ان کا نفع 328000 روپے ہو جاتا ہے۔ C کا نفع میں کیا حصہ ہو گا۔

1) 128000

2) 105000

3) 84000

4) 96000

Options :

39448429177. ✖ 1

39448429178. ✖ 2

39448429179. ✖ 3

39448429180. ✔ 4

ZOLLEGE.in

Question Number : 96 Question Id : 3944847589 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

Two pipes A and B can fill a tank in 24 minutes and 36 minutes respectively. If both the pipes are opened together and A is shut off after 8 minutes the further time required to fill the tank (in minutes) :

دو پائپ A اور B ایک ٹانکی کو 24 منٹ اور 36 منٹ میں بھرتے ہیں۔ اگر دونوں پائپوں کو ایک ساتھ کھول دیا جائے اور A کو 8 منٹ کے بعد بند کر دیا جائے تو ٹانکی کے بھرنے کے لئے مزید کتنا وقت درکار ہوتا ہے۔ (منٹ میں)۔

1) 20

2) 18

3) 16

4) 10

Options :

ZOLLEGE.in

39448429181. ✖ 1

39448429182. ✖ 2

39448429183. ✔ 3

39448429184. ✖ 4

Question Number : 97 Question Id : 3944847590 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

Two taps A and B can fill a tank separately in 20 and 25 minutes respectively. If both the taps are started together and after 5 minutes B is turned off, then in how many more minutes will the tank be full?

دونل A اور B ، ایک ٹانکی کو 20 اور 25 منٹوں میں بھرتے ہیں اگر دونوں نلوں کو ایک ساتھ کھول دیا جائے اور 5 منٹ کے بعد B کو بند کر دیا جائے تو ٹانکی کتنے مزید زیادہ منٹوں میں بھرے گی۔

1) 6

2) 9

3) 11

4) 16

Options :

39448429185. ✖ 1

39448429186. ✖ 2

39448429187. ✔ 3

39448429188. ✖ 4

Question Number : 98 Question Id : 3944847591 Question Type : MCQ Option Shuffling : No

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

A man takes 5 hours walking to a place and coming back walking. He would have gained 2 hours by riding a bicycle both ways. Find the time taken by the man to walk to the place and riding back by bicycle (in hours)?

ایک شخص 5 گھنٹوں میں ایک مقام کو جا کر واپس آتا ہے وہ اس سفر کو سیکل کے ذریعے 2 گھنٹوں میں پورا کرتا ہے اس شخص کے اس مقام کو پیدل جانے کا وقت اور سیکل سے واپس کیا ہو گا۔ (گھنٹوں میں)

1) 6

2) 2

3) 3

4) 4

Options :

39448429189. ✖ 1

39448429190. ✖ 2

39448429191. ✖ 3

ZOLLEGE.in

39448429192. ✔ 4

Question Number : 99 Question Id : 3944847592 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

A man riding on a bicycle at a speed of 11 kmph takes 4 hours to complete one round along circumference of a circular field. Then the area of the field (in sq. meters)

ایک دائرہ کا round مکمل کرنے کے لئے ایک شخص 11 کیلو میٹر س فی گھنٹہ کی رفتار سے 4 گھنٹوں میں مکمل کرتا ہے۔ تب کھیت کا رقبہ معلوم کرو۔

1) 160

2) 154

3) 180

4) 165

Options :

39448429193. ✖ 1

39448429194. ✔ 2

39448429195. ✖ 3

39448429196. ✖ 4

Question Number : 100 Question Id : 3944847593 Question Type : MCQ Option Shuffling : No

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

Two persons A and B working together can complete a task in $7\frac{1}{2}$ days. B alone takes 8 days less than A alone to complete the task. If another person C alone takes 14 days to complete the task, then the difference between the number of days needed by B alone and C alone to complete the task is

دوافراد A اور B مل کر ایک کام کو $7\frac{1}{2}$ دنوں میں مکمل کرتے ہیں۔ B اس کام کو مکمل کرنے کے لئے 8 گھنٹے تنہا لیتا ہے اگر C اس کام کو کرنے کے لئے تنہا 14 دن لیتا ہے۔ تب B اور C سے تنہا کام کو مکمل کرنے کے لئے لیے ہوئے وقت میں کیا فرق ہے معلوم کرو۔

1) 2

2) 3

3) 4

4) 5

Options :

39448429197. ✔ 1

ZOLLEGE.in

39448429198. ✖ 2

39448429199. ✖ 3

39448429200. ✖ 4

Question Number : 101 Question Id : 3944847594 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

Three persons A, B and C could complete a piece of work individually in 24, 30 and 40 days respectively. All the three started the work together but, C left the work before 4 days of its completion. In how many days was the work completed?

تین افراد A، B اور C ایک کام بالترتیب 24, 30 اور 40 گھنٹوں میں مکمل کرتے ہیں۔ تینوں ایک ساتھ مل کر کام کو شروع کرتے ہیں لیکن C کام کے مکمل ہونے سے 4 دن قبل کام بند کر تا دیتا ہے کتنے دنوں میں کام مکمل ہوتا ہے۔

1) 16

2) 15

3) 13

4) 11

Options :

39448429201. ✖ 1

39448429202. ✖ 2

39448429203. ✖ 3

39448429204. ✔ 4

Question Number : 102 Question Id : 3944847595 Question Type : MCQ Option Shuffling : No

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The sides of a triangle are 7 cm, 8 cm and 9 cm long. Its area in (cm^2)

ایک مثلث کے تینوں کونے 7 سنٹی میٹرس ،8 سنٹی میٹرس اور 9 سنٹی میٹرس ہیں۔اس کا رقبہ کیا ہوگا؟۔

1) $12\sqrt{5}$

2) $12\sqrt{2}$

3) $13\sqrt{5}$

4) $13\sqrt{2}$

Options :

39448429205. ✔ 1

39448429206. ✖ 2

39448429207. ✖ 3

39448429208. ✖ 4

Question Number : 103 Question Id : 3944847596 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The length and breadth of a rectangle are in the ratio 8 : 5. If the area of the rectangle is 1000 m^2, then the perimeter of the rectangle (in meters) is

ایک مستطیل کی لمبائی اور چوڑائی 5 : 8 کی نسبت میں ہے اگر اس مستطیل کا رقبہ 1000 m^2 ہو تو اس مستطیل کا perimeter (میٹرس) میں کیا ہوگا۔

1) 65

2) 85

3) 130

4) 170

Options :

39448429209. ✖ 1

39448429210. ✖ 2

39448429211. ✔ 3

39448429212. ✖ 4

Question Number : 104 Question Id : 3944847597 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The volume of a right circular cone of height 12 cm and base radius 6 cm is equal to half of the volume of a sphere. Then the radius of the sphere (in cm) is

ایک circular cone کی اونچائی 12 سنٹی میٹرس ہے اور اس کا قطر 6 سنٹی میٹر ہے جو ایک sphere کی مقدار کے نصف حصہ کے برابر ہے۔ تب sphere کے قطر کی مقدار معلوم کرو۔

1) 6

2) 5

3) 4

4) 3

Options :

39448429213. ✔ 1

39448429214. ✖ 2

39448429215. ✖ 3

39448429216. ✖ 4

ZOLLEGE.in

Question Number : 105 Question Id : 3944847598 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

How many solid spherical balls of diameter 1.5 cm can be made by melting a cylindrical metal of height 20 cm and a base diameter of 12 cm?

ایک cylindrical metal جس کی اونچائی 20 سنٹی میٹرس ہے پگھلا کر spherical balls جس کا diameter 1.5 سنٹی میٹرس ہے اور اس کا base 12 سنٹی میٹرس ہے۔ کتنے solid spherical balls تیار کئے جاسکتے ہیں۔

1) 1320

2) 1300

3) 1280

4) 1250

Options :

39448429217. ✖ 1

39448429218. ✖ 2

39448429219. ✔ 3

39448429220. ✖ 4

ZOLLEGE.in

Question Number : 106 Question Id : 3944847599 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

A rectangular tank is 5 m long and 2.9m deep. If 100 m^3 of water is pumped out of the tank, then the water level is reduced by 20 cm. Then the full capacity of the tank (in m^3) is

ایک مستطیل ٹانکی جس کی لمبائی 5 میٹرس اور گہرائی 2.9 میٹرس ہے۔ اگر 100 m^3 پانی ٹانکی سے چھوڑا جائے تو تب پانی کی سطح 20 cm کم ہو جاتی ہے۔ ٹانکی کی بھرپور سطح آب کیا ہے۔ معلوم کرو۔

1) 1450

2) 1400

3) 1000

4) 729

Options :

39448429221. ✔ 1

ZOLLEGE.in

39448429222. ✖ 2

39448429223. ✖ 3

39448429224. ✖ 4

Question Number : 107 Question Id : 3944847600 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

ZOLLEGE.in

An open box, made of wood 3 cm thick has external dimensions 1.46 m, 1.16 m and 8.3dm. The cost of painting the inner surface of the box at the rate of Rs.0.50 per 100 sq.cm. is (in rupees)

ایک کھلا صندوق جو ایک لکڑی کا بنا ہوا ہے۔ 3 cm موٹائی کا بنا ہوا ہے ' جس کے بیرونی dimension 1.46 ' 1.16 اور 8.3dm ہیں اس صندوق کے اندرونی حصہ کو paint کرنے کے لئے 0.50 روپے فی 100 اسکوائر یارڈ سنٹی میٹر اخراجات ہوتے ہیں۔(روپیوں میں) مقدار معلوم کرو۔

1) 168

2) 277

3) 315

4) 436

Options :

39448429225. ✖ 1

39448429226. ✔ 2

39448429227. ✖ 3

39448429228. ✖ 4

Question Number : 108 Question Id : 3944847601 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

In a rectangular plot of 500 m x 300 m roads of 2 m wide are laid joining the mid points of the opposite sides and also a path of same width running inside and along the length and the breadth of it. How much of the area of the plot left excluding the roads and the path (in sq. m.)?

ایک مستطیل سیٹ 500 m x 300 ' دو کیلو میٹرس روڑ سے ملتا ہے۔ مخالف سمت کے دو در میانی نقاط سے ملتا ہے اور ایک راستہ جو اس کی چوڑائی اور لمبائی سے جا ملتا ہے۔ پلاٹ کا کتنا رقبہ ' روڑ اور راستہ سے چھوڑا گیا ہے۔

1) 145632

2) 145326

3) 145236

4) 145362

Options :

39448429229. ✖ 1

39448429230. ✖ 2

ZOLLEGE.in

39448429231. ✔ 3

39448429232. ✖ 4

Question Number : 109 Question Id : 3944847602 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The digit in the units place in the decimal expansion of 7^{151} is

ایک 7^{151} decimal expansion میں کیا digit ہوتا ہے۔

1) 1

2) 3

3) 5

4) 6

Options :

39448429233. ✖ 1

39448429234. ✔ 2

ZOLLEGE.in

39448429235. ✖ 3

39448429236. ✖ 4

Question Number : 110 Question Id : 3944847603 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

حسابی قابلیت

The remainder when 2^{81} is divided by 17 is

ایک remainder جب کہ 2^{81}، 17 سے قابل تقسیم ہو۔

1) 0

2) 1

3) 2

4) 3

Options :

39448429237. ✖ 1

39448429238. ✖ 2

39448429239. ✔ 3

39448429240. ✖ 4

Sub-Section Number :	2
Sub-Section Id :	394484768
Question Shuffling Allowed :	Yes

ZOLLEGE.in

Question Number : 111 Question Id : 3944847604 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

If p, q, r are 3 statements then $\sim((\sim p \to q) \wedge (\sim p \to r))$ is equivalent to

اگر p, q, r تین statements ہوں تب $\sim((\sim p \to q) \wedge (\sim p \to r))$ کیا یہ مساوی ہے

کے۔

1) $p \to (\sim q \to \sim r)$

2) $\sim p \wedge (q \to r)$

3) $\sim p \wedge (q \to \sim r)$

4) $\sim p \to (\sim q \to r)$

Options :

39448429241. ✖ 1

39448429242. ✖ 2

39448429243. ✔ 3

39448429244. ✖ 4

Question Number : 112 Question Id : 3944847605 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

ii) Algebraic and Geometrical Ability

If p and q are two statements then which of the following is a tautology?

اگر p اور q دو statements ہیں دونوں میں کون صحیح ہے۔

1) $(p \rightarrow q) \vee p$

2) $(p \leftrightarrow q) \vee p$

3) $(p \rightarrow q) \wedge p \leftrightarrow q$

4) $[(p \rightarrow q) \vee p] \leftrightarrow q$

ZOLLEGE.in

Options :

39448429245. ✖ 1

39448429246. ✖ 2

39448429247. ✔ 3

39448429248. ✖ 4

Question Number : 113 Question Id : 3944847606 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If a set A has 5 elements then the number of nonempty proper subsets of A is

اگر set A میں 5 عناصر ہیں تب عدد پراپر سیٹ A ہوتا ہے۔

1) 32

2) 31

3) 30

4) 29

Options :

39448429249. ✖ 1

39448429250. ✖ 2

39448429251. ✔ 3

39448429252. ✖ 4

Question Number : 114 Question Id : 3944847607 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

Let $n(A) = m$, and $n(B) = n$. Then the total number of nonempty relations that can be defined from A to B is

اگر $n(A) = m$, اور $n(B) = n$ ہو تو A سے B کی جملہ تعداد جو nonempty relations کی بیان کی جاتی ہے کیا ہو گی۔

1) m^n

2) n^m-1

3) $mn-1$

4) $2^{mn}-1$

Options :

39448429253. ✖ 1

39448429254. ✖ 2

39448429255. ✖ 3

39448429256. ✔ 4

Question Number : 115 Question Id : 3944847608 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

Let $f : \mathbb{R} \to \mathbb{R}$ be a function satisfying the condition $2f(x) - 3f\left(\frac{1}{x}\right) = x^2$ for all $x \neq 0$. Then $f(3) - f\left(\frac{1}{3}\right)$=

اگر $f : \mathbb{R} \to \mathbb{R}$ جو مساوات کی شرائط کو پورا کرتا ہے۔

$2f(x) - 3f\left(\frac{1}{x}\right) = x^2$ ' $x \neq 0$. Then $f(3) - f\left(\frac{1}{3}\right)$=

1) $\frac{-16}{11}$

2) $-\frac{16}{9}$

3) $\frac{16}{9}$

4) $\frac{16}{11}$

Options :

39448429257. ✖ 1

39448429258. ✖ 2

39448429259. ✔ 3

39448429260. ✖ 4

Question Number : 116 Question Id : 3944847609 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

The sum of the intercepts made by the line passing through the points (3, 4) and (5, -2) on the coordinate axes is

(3, 4)اور(5, -2) سے گزرتی لائن کو intercept کرنے والی مقدار ' coordinate axes پر کیا ہو گی۔

1) $\frac{13}{3}$

2) $\frac{26}{3}$

3) $\frac{39}{3}$

4) $\frac{52}{3}$

Options :

39448429261. ✖ 1

39448429262. ✖ 2

39448429263. ✖ 3

39448429264. ✔ 4

Question Number : 117 Question Id : 3944847610 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

The equation of the straight line passing through the point (-4, 3) and is perpendicular to the line segment joining the points (1, -3) and (-5, 1)

ایک straight line مساوات جو نکتہ (-4, 3) سے اور عمودی لائن سے گزرتی ہوئی نقاط (1, -5)، (1, -3) سے جاملتی ہے۔

1) $x - y + 7 = 0$

2) $x + y + 1 = 0$

3) $3x + 2y + 6 = 0$

4) $3x - 2y + 18 = 0$

Options :

39448429265. ✖ 1

39448429266. ✖ 2

39448429267. ✖ 3

39448429268. ✔ 4

Question Number : 118 Question Id : 3944847611 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If θ is not in the third quadrant and $\cos\theta = \frac{-4}{5}$, then $\frac{3tan\theta + 5\,cosec\theta}{4\cot\theta + 3\,sec\theta} =$

$= \frac{-4}{5}$ تب $\frac{3tan\theta + 5\,cosec\theta}{4\cot\theta + 3\,sec\theta} = \cos\theta$ اور quadrant تیسرے θ اگر

1) $\frac{-24}{79}$

2) $\frac{-77}{119}$

3) $\frac{-73}{109}$

4) $\frac{-29}{71}$

Options :

39448429269. ✖ 1

39448429270. ✖ 2

39448429271. ✔ 3

39448429272. ✖ 4

Question Number : 119 Question Id : 3944847612 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

$\cos 208^0 \sin 238^0 + \sin 152^0 \cos 122^0 =$

1) 0

2) 1

3) $\frac{1}{2}$

4) $\frac{1}{3}$

Options :

39448429273. ✖ 1

39448429274. ✖ 2

39448429275. ✔ 3

39448429276. ✖ 4

Question Number : 120 Question Id : 3944847613 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $A + B + C = 180^0$, then $\frac{\tan A+\tan B+\tan C}{\tan A \tan B \tan C} =$

اگر $A + B + C = 180^0$ تب $\frac{\tan A+\tan B+\tan C}{\tan A \tan B \tan C} =$

1) -2

2) 01

3) 1

4) 2

Options :

39448429277. ✖ 1

39448429278. ✖ 2

39448429279. ✔ 3

39448429280. ✖ 4

Question Number : 121 Question Id : 3944847614 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If the top of a 15 meter high tower makes an angle of depression of 60^0 with the bottom of an electric pole and an angle of depression of 30^0 with the top of the pole, then the height (in meters) of that electric pole is

ایک 15 میٹرس اونچا ستون 60^0 کا زاویہ بناتا ہے جس کا bottom ایک برقی پول ہوتا ہے۔اور پول کی 30^0 اونچائی کے ساتھ ایک زاویہ بناتا ہے۔تب برقی پول کی اونچائی کیا ہو گی۔

1) 5

2) 6

3) 8

4) 10

Options :

39448429281. ✖ 1

39448429282. ✖ 2

39448429283. ✖ 3

39448429284. ✔ 4

Question Number : 122 Question Id : 3944847615 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

Z@LLEGE.in

$$\sqrt{(x^2-2x-15)(x^2-5x-24)(x^2-13x+40)}$$

1) $(x+8)(x-5)(x-3)$

2) $(x+8)(x-5)(x+3)$

3) $(x-8)(x+5)(x+3)$

4) $(x-8)(x-5)(x+3)$

Options :

39448429285. ✖ 1

39448429286. ✖ 2

39448429287. ✖ 3

39448429288. ✔ 4

Question Number : 123 Question Id : 3944847616 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $\left(3a-\frac{1}{b}\right)^2-8\left(3a-\frac{1}{b}\right)+16+\left(c+\frac{1}{b}-2a\right)\left(3a-\frac{1}{b}-4\right)=0$, then

مذکورہ بالا مساوات سے قیمت معلوم کرو۔

1) $a+3c=4$

2) $a+c=4$

3) $3a+c=4$

4) $2a+3c=4$

Options :

39448429289. ✖ 1

39448429290. ✔ 2

39448429291. ✖ 3

39448429292. ✖ 4

Question Number : 124 Question Id : 3944847617 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

A polynomial in x leaves remainder -1 and 7, when it is divided by $(x+1)$ and $(x - 3)$ respectively. If the same polynomial is divided by $x^2 - 2x - 3$ then the remainder is

ایک polynomial کا remainder -1 اور 7 ہیں جبکہ وہ $(x+1)$ اور $(x - 3)$ سے قابل تقسیم ہیں اگر وہی polynomial ' $x^2 - 2x - 3$ سے قابل تقسیم ہو تو remainder کیا ہے۔

1) $x + 2$

2) $x - 2$

3) $2x - 1$

4) $2x + 1$

Options :

39448429293. ✖ 1

39448429294. ✖ 2

39448429295. ✖ 3

39448429296. ✔ 4

Question Number : 125 Question Id : 3944847618 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If the remainder when the polynomial $7x^3 - 8x^2 + 9x - 10$ is divided by

$x^2 - x - 2$ is $ax + b$, then $a+b$ =

$ax + b$ تو $x^2 - x - 2$ سے قابل تقسیم ہو $7x^3 - 8x^2 + 9x - 10$ remainder اگر ایک

$a+b$ = تب

1) 10

2) 22

3) -12

4) -8

Options :

39448429297. ✔ 1

39448429298. ✖ 2

39448429299. ✖ 3

39448429300. ✖ 4

Question Number : 126 Question Id : 3944847619 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

A person has Rs.10 and Rs.20 notes in his purse. Total number of notes is 37. Total amount is Rs.510. Then the difference between the number of Rs.10 notes and Rs.20 notes is

ایک شخص کے پاس 10 اور 20 روپے کے نوٹس ہیں۔ جملہ نوٹوں کی مقدار 37 ہے۔ جملہ رقم 510 ہے۔ تب 10 روپے اور 20 روپے کے نوٹس میں کیا فرق ہے۔

1) 14

2) 23

3) 7

4) 9

Options :

39448429301. ✖ 1

39448429302. ✖ 2

39448429303. ✖ 3

39448429304. ✔ 4

Question Number : 127 Question Id : 3944847620 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

Five pens and six pencils cost Rs.28. Six pens and five pencils cost Rs.27. Now the cost (in Rupees) of each pen and each pencil respectively?

پانچ pensاور چھ پینسل کی قیمت 28روپئے ہے۔چھ پن اور پانچ پینسل کی قیمت 27روپئے ہے۔تب ہر پن اور پینسل کی قیمت(روپیوں) کیاہوگی۔

1) 3, 2

2) 2, 3

3) 1, 4

4) 4, 1

Options :

39448429305. ✖ 1

39448429306. ✔ 2

39448429307. ✖ 3

39448429308. ✖ 4

Question Number : 128 Question Id : 3944847621 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

The sum of all natural numbers between 1 and 100 which are multiples of 3 is

1اور100 کے درمیان تمام حقیقی اعداد جو 3 سے قابل ضرب ہیں۔؟

1) 1683

2) 1563

3) 1526

4) 1443

Options :

39448429309. ✔ 1

39448429310. ✖ 2

39448429311. ✖ 3

39448429312. ✖ 4

Question Number : 129 Question Id : 3944847622 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If the 5^{th} term of a Geometric Progression is 7, then the product of the first 9 terms is

اگرپانچویں Geometric Progressionکاعدد7ہےتب پہلے9 termsکاحاصل ضرب کیاہوگا۔

1) 7^{18}

2) 7^{9}

3) $(\sqrt{7})^{9}$

4) 9^{7}

Options :

39448429313. ✖ 1

39448429314. ✔ 2

39448429315. ✖ 3

39448429316. ✖ 4

Question Number : 130 Question Id : 3944847623 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $C_0, C_1, C_2, \ldots, C_n$ are binomial co-efficients of $(1+x)^n$ then

$C_0 - C_1 + C_2 + \cdots + C_n(-1)^n =$

مذکورہ بالا مساوات میں قیمت کیا ہو گی۔

$C_0 - C_1 + C_2 + \cdots + C_n(-1)^n =$

1) 1

2) -1

3) 0

4) 2^n

Options :

39448429317. ✖ 1

39448429318. ✖ 2

39448429319. ✔ 3

39448429320. ✖ 4

Question Number : 131 Question Id : 3944847624 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

The coefficient of x^{-7} in the binomial expansion of $\left(3x^{\frac{1}{5}}+\frac{4}{\sqrt{x}}\right)^{21}$ is

مذکورہ بالا مساوات میں $\left(3x^{\frac{1}{5}}+\frac{4}{\sqrt{x}}\right)^{21}$ کی قیمت coefficient of x^{-7} کی قیمت کیا ہو گی۔

1) $^{21}C_5\,3^{16}4^5$

2) $^{21}C_5 3^5 4^{16}$

3) $^{21}C_6 3^{15} 4^6$

4) $^{21}C_6 3^6 4^{15}$

Options :

39448429321. ✖ 1

39448429322. ✔ 2

39448429323. ✖ 3

39448429324. ✖ 4

Question Number : 132 Question Id : 3944847625 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $a, b, c,$ are distinct real numbers and $\begin{vmatrix} a & a^2 & a^3-1 \\ b & b^2 & b^3-1 \\ c & c^2 & c^3-1 \end{vmatrix} = 0,$ then

تب--- $\begin{vmatrix} a & a^2 & a^3-1 \\ b & b^2 & b^3-1 \\ c & c^2 & c^3-1 \end{vmatrix} = 0,$ اگر a, b, c حقیقی اعداد ہیں اور

1) $a+b+c=0$

2) $a+b+c=1$

3) $abc=1$

4) $ab+bc+ca=0$

Options :

39448429325. ✖ 1

39448429326. ✖ 2

39448429327. ✔ 3

39448429328. ✖ 4

Question Number : 133 Question Id : 3944847626 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $A = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$ then $A^{25}B^{37} + A^{24}B^{36} =$

اگر $A = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$ تب $A^{25}B^{37} + A^{24}B^{36} =$ ۔

1) A

2) B

3) B+A

4) B – A

Options :

39448429329. ✖ 1

39448429330. ✖ 2

39448429331. ✔ 3

39448429332. ✖ 4

Question Number : 134 Question Id : 3944847627 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

$$\lim_{x \to \frac{\pi}{4}} \frac{sec^2 x - 2}{\tan x - 1} =$$

1) 3

2) 1

3) 0

4) 2

Options :

39448429333. ✖ 1

39448429334. ✖ 2

39448429335. ✖ 3

39448429336. ✔ 4

Question Number : 135 Question Id : 3944847628 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If $3x^2 + 2x + y^2 = 6$ then $\left(\frac{dy}{dx}\right)_{(-1,2)}$ =

1) -1

2) 1

3) -2

4) 2

Options :

39448429337. ✖ 1

39448429338. ✔ 2

39448429339. ✖ 3

39448429340. ✖ 4

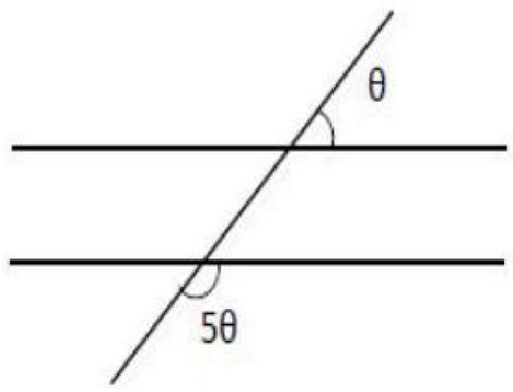
Question Number : 136 Question Id : 3944847629 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

In the diagram below, the lines l_1, l_2 are parallel to each other, then θ =

دیئے ہوئے diagram میں l_1, l_2 متوازی ہیں تب θ = ۔



1) 15^o

2) 30^o

3) 45^o

4) 60^o

Options :

39448429341. ✖ 1

39448429342. ✔ 2

39448429343. ✖ 3

39448429344. ✖ 4

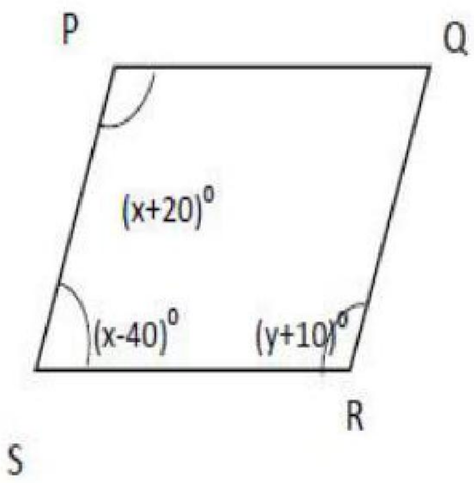
Question Number : 137 Question Id : 3944847630 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

In the figure given below PQRS is a parallelogram. Then y =

مذکورہ بالا مساوات میں y = کی قیمت معلوم کرو۔



1) 90^0

2) 70^0

3) 120^0

4) 110^0

Options :

39448429345. ✖ 1

39448429346. ✖ 2

39448429347. ✖ 3

39448429348. ✔ 4

Question Number : 138 Question Id : 3944847631 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

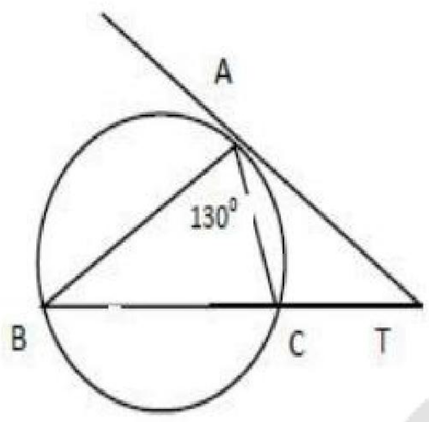
In the adjacent figure $\angle BAT = 130^0$ and $\angle T = 25^0$, then $\angle TCA =$

مذکورہ بالا مساوات میں $\angle BAT = 130^0$

$\angle T = 25^0$

تب $\angle TCA =$

$\angle TCA =$



1) 50^0

2) 105^0

3) 135^0

4) 130^0

Options :

39448429349. ✖ 1

39448429350. ✖ 2

39448429351. ✖ 3

39448429352. ✔ 4

Question Number : 139 Question Id : 3944847632 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If the distance between the points (4, p) and (1, 0) is 5, then the value of p is

اگر (4, p)اور (1, 0)کافرق 5ہوتوp کی قیمت کیاہوگی۔

1) 4 only

2) ± 4

3) -4 only

4) 0

Options :

39448429353. ✖ 1

39448429354. ✔ 2

39448429355. ✖ 3

39448429356. ✖ 4

Question Number : 140 Question Id : 3944847633 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ii) Algebraic and Geometrical Ability

ZOLLEGE.in

If (x_1, y_1) and (x_2, y_2) are the points of trisection of the line segment joining the points (-7, 5) and (2, -4), then $\frac{x_1+x_2}{y_1+y_2}=$

$\frac{x_1+x_2}{y_1+y_2}=$ اگر نقاط (x_2, y_2) اور (x_1, y_1) دونوں نقاط (-7, 5) اور (2, -4) پر ملتے ہیں۔ تب

1) -5

2) $-\frac{5}{3}$

3) 5

4) $\frac{5}{3}$

Options :

39448429357. ✔ 1

39448429358. ✖ 2

39448429359. ✖ 3

39448429360. ✖ 4

Sub-Section Number : 3

Sub-Section Id : 394484769

Question Shuffling Allowed : Yes

Question Number : 141 Question Id : 3944847634 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

The Arithmetic Mean of the following data

حسب ذیل میں مواد کا اوسط حسابیہ معلوم کرو۔

1, 4, 9, 16, ... , 144

1) $\frac{13}{2}$

2) $\frac{175}{3}$

3) $\frac{325}{6}$

4) $\frac{625}{12}$

Options :

39448429361. ✖ 1

39448429362. ✖ 2

39448429363. ✔ 3

39448429364. ✖ 4

Question Number : 142 Question Id : 3944847635 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

Find the median of the following frequency distribution:

حسب ذیل کی مدد سے وسطانیہ معلوم کرو۔

Class	0 – 4	4 – 8	8 – 12	12 – 16	16 – 20
Frequency	8	10	20	10	2

1) 9.1

2) 9.4

3) 10.2

4) 10.6

Options :

39448429365. ✖ 1

39448429366. ✔ 2

39448429367. ✖ 3

39448429368. ✖ 4

Question Number : 143 Question Id : 3944847636 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

The mode of the data 2, 5, 3, 2, 6, 2, 7, 8, 2, 7, 7, 3, 7, 8, 7 and 10 is

دیئے ہوئے مواد سے موڈ معلوم کرو۔

1) 7

2) 2

3) 3

4) 8

Options :

39448429369. ✔ 1

39448429370. ✖ 2

39448429371. ✖ 3

39448429372. ✖ 4

Question Number : 144 Question Id : 3944847637 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

The standard deviation of the data 6, 5, 9, 13, 12, 8 and 10 is

مذکورہ بالا مواد سے standard deviation معلوم کرو۔

1) $\sqrt{\frac{52}{7}}$

2) $\frac{52}{7}$

3) $\sqrt{6}$

4) 6

Options :

39448429373. ✔ 1

39448429374. ✖ 2

39448429375. ✖ 3

39448429376. ✖ 4

Question Number : 145 Question Id : 3944847638 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

The standard deviation of a distribution is 4. If each observation in that data is increased by 2, then the new standard deviation will be ___

اگر کسی مواد میں معیاری ڈیویشن 4 ہو۔ اگر data کے ہر observation میں 2 کا اضافہ ہوتا ہے تب نیا معیاری ڈیویشن standard deviation کیا ہوگا۔

1) 8

2) 2

3) 4

4) 6

Options :

39448429377. ✖ 1

39448429378. ✖ 2

39448429379. ✔ 3

39448429380. ✖ 4

Question Number : 146 Question Id : 3944847639 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

There are 12 observations $x_1, x_2, \ldots, x_{12}$ and $y_1, y_2, \ldots, y_{12}$ of two variables x, y and $d_i = x_i - y_i$ for $1 \le i \le 12$. If $\sum d_i^2 = 65$, then the coefficient of rank correlation is

$1 \le i \le 12$ اگر $x_1, x_2, \ldots, x_{12}$ اور $y_1, y_2, \ldots, y_{12}$ مشاہدات 12 کے variables x, y دو

$d_i = x_i - y_i$ کے لئے $\sum d_i^2 = 65$ تب coefficient of rank correlation کیا ہوگا۔

1) $\frac{7}{11}$

2) $\frac{7}{22}$

3) $\frac{17}{22}$

4) $\frac{17}{33}$

Options :

39448429381. ✖ 1

39448429382. ✖ 2

39448429383. ✔ 3

39448429384. ✖ 4

Question Number : 147 Question Id : 3944847640 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

شماریاتی قابلیت

ZOLLEGE.in

Three numbers are chosen at random from 1 to 20. The probability that they are not consecutive, is

کسی random انتخابات میں تین اعداد کو چنا گیا ہے جو 20 تا 1 ہیں۔ ان میں عدم consecutive probability کیا ہوگی۔

1) $\frac{186}{190}$

2) $\frac{187}{190}$

3) $\frac{188}{190}$

4) $\frac{18}{{}^{20}C_3}$

Options :

39448429385. ✖ 1

39448429386. ✔ 2

39448429387. ✖ 3

39448429388. ✖ 4

Question Number : 148 Question Id : 3944847641 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Statistical Ability

شماریاتی قابلیت

If 5 boys and 5 girls are allowed to sit in a row at random, then probability that no two girls sit adjacent to each other is

اگر کسی مقابلے میں 5 لڑکے اور 5 لڑکیوں کو random بیٹھنے کی اجازت دی جائے تو کوئی دو لڑکیاں ایک دوسرے کے قریب نہیں ہیں probability کیا ہو گی۔

1) $\frac{5}{42}$

2) $\frac{2}{41}$

3) $\frac{1}{42}$

4) $\frac{4}{21}$

Options :

39448429389. ✖ 1

39448429390. ✖ 2

39448429391. ✔ 3

39448429392. ✖ 4

Question Number : 149 Question Id : 3944847642 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Statistical Ability

شماریاتی قابلیت

When 5 fair coins are tossed, the probability of getting atleast 3 heads is

اگر پانچ fair coins کو اچھالا جائے تو کم سے کم 3 heads کی probability کیا ہو گی۔

1) $\frac{7}{32}$

2) $\frac{1}{4}$

3) $\frac{1}{2}$

4) $\frac{5}{16}$

Options :

39448429393. ✖ 1

39448429394. ✖ 2

39448429395. ✔ 3

39448429396. ✖ 4

Question Number : 150 Question Id : 3944847643 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Statistical Ability

شماریاتی قابلیت

When two persons are chosen at random the probability that their dates of birth are not in the same calendar month is

اگر دو افراد کو random چن لیا جائے تو probability کہ ان کے تاریخ پیدائش یکساں نہیں ہیں۔

1) $\frac{1}{12}$

2) $\frac{1}{132}$

3) $\frac{11}{12}$

4) $\frac{13}{132}$

Options :

39448429397. ✖ 1

39448429398. ✖ 2

39448429399. ✔ 3

39448429400. ✖ 4

Communication Ability

Section Id :	394484111
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory

ZOLLEGE.in

Number of Questions :	38
Number of Questions to be attempted :	38
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	394484770
Question Shuffling Allowed :	Yes

Question Number : 151 Question Id : 3944847644 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Ineffable

1) invisible

2) indescribable

3) inquisitive

4) informal

Options :

39448429401. ✖ 1

39448429402. ✔ 2

39448429403. ✖ 3

39448429404. ✖ 4

ZOLLEGE.in

Question Number : 152 Question Id : 3944847645 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Catholicity

1) purity

2) broadmindedness

3) orthodoxy

4) simplicity

Options :

39448429405. ✖ 1

39448429406. ✔ 2

39448429407. ✖ 3

39448429408. ✖ 4

Question Number : 153 Question Id : 3944847646 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

Ephemeral

1) dangerous

2) perpetual

3) endless

4) transient

Options :

39448429409. ✖ 1

39448429410. ✖ 2

39448429411. ✖ 3

39448429412. ✔ 4

Question Number : 154 Question Id : 3944847647 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Quintessential

1) typical

2) existing

3) connected

4) decreasing

Options :

39448429413. ✔ 1

ZOLLEGE.in

39448429414. ✖ 2

39448429415. ✖ 3

39448429416. ✖ 4

Question Number : 155 Question Id : 3944847648 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Labyrinth

1) hyacinth
2) amazement
3) maze
4) plinth

Options :

39448429417. ✖ 1

39448429418. ✖ 2

39448429419. ✔ 3

39448429420. ✖ 4

Question Number : 156 Question Id : 3944847649 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

Eradicate

(1) create

(2) dedicate

(3) abolish

(4) decorate

Options :

39448429421. ✖ 1

39448429422. ✖ 2

39448429423. ✔ 3

39448429424. ✖ 4

Sub-Section Number : 2

Sub-Section Id : 394484771

Question Shuffling Allowed : Yes

Question Number : 157 Question Id : 3944847650 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

The traveller _____ that the train would be late and so missed it.

(1) resumed

(2) presumed

(3) consumed

(4) attended

Options :

39448429425. ✖ 1

39448429426. ✔ 2

39448429427. ✖ 3

39448429428. ✖ 4

Question Number : 158 Question Id : 3944847651 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Fortunately, the thunderstorm caused only _____ damage.

1) minimal

2) miniature

3) minority

4) heavy

ZOLLEGE.in

Options :

39448429429. ✔ 1

39448429430. ✖ 2

39448429431. ✖ 3

39448429432. ✖ 4

Question Number : 159 Question Id : 3944847652 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

The salesman ____ the customer to buy the expensive car with his smooth sales talk.

(1) frightened

(2) persuaded

(3) forced

(4) dissuaded

Options :

39448429433. ✖ 1

39448429434. ✔ 2

39448429435. ✖ 3

39448429436. ✖ 4

Question Number : 160 Question Id : 3944847653 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

_____ is not a messaging app.

1) WhatsApp

2) Telegram

3) Signal

4) Boomerang

Options :

39448429437. ✖ 1

39448429438. ✖ 2

39448429439. ✖ 3

39448429440. ✔ 4

Sub-Section Number : 3

Sub-Section Id : 394484772

Question Shuffling Allowed : Yes

Question Number : 161 Question Id : 3944847654 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

_____ is not a peripheral device of a computer.

1) Mouse

2) Scanner

3) Motherboard

4) Keyboard

Options :

39448429441. ✖ 1

39448429442. ✖ 2

39448429443. ✔ 3

39448429444. ✖ 4

Question Number : 162 Question Id : 3944847655 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

The expansion of GIF is _____.

1) Graphical Interchange Format

2) Geographic Internet Fibre

3) General Interaction Format

4) Graphic Internet Film

Options :

39448429445. ✔ 1

ZOLLEGE.in

39448429446. ✖ 2

39448429447. ✖ 3

39448429448. ✖ 4

Question Number : 163 Question Id : 3944847656 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

The function of a digitizer is _____.

1) scan of documents and conversion into digital data

2) conversion of analogue information into digital form

3) reading pencil or pen marks as responses

4) allowing images to be seen by its users

Options :

39448429449. ✖ 1

39448429450. ✔ 2

39448429451. ✖ 3

39448429452. ✖ 4

Question Number : 164 Question Id : 3944847657 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

A nano second is _____.

1) one millionth of a second

2) two millionth of a second

3) one billionth of a second

4) three millionth of a second

Options :

39448429453. ✔ 1

39448429454. ✖ 2

39448429455. ✖ 3

39448429456. ✖ 4

Question Number : 165 Question Id : 3944847658 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

_____ is not a chip manufacturer.

1) AMD

2) Intel

3) Google

4) Broadcom

Options :

39448429457. ✖ 1

39448429458. ✖ 2

39448429459. ✖ 3

39448429460. ✔ 4

Question Number : 166 Question Id : 3944847659 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

Fox message _____.

1) checks intermission

2) checks admission

3) checks transmission

4) checks permission

ZOLLEGE.in

Options :

39448429461. ✖ 1

39448429462. ✖ 2

39448429463. ✔ 3

39448429464. ✖ 4

Question Number : 167 Question Id : 3944847660 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

_____is the operating system developed and used by Apple Inc.

1) Android

2) iOS

3) Windows

4) Unix

Options :

39448429465. ✖ 1

39448429466. ✔ 2

39448429467. ✖ 3

39448429468. ✖ 4

Question Number : 168 Question Id : 3944847661 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

_____ is the first indication of virus attack on a computer.

1) Reduced speed

2) Crashing of the device

3) Logging out from accounts

4) Self-execution of programmes

Options :

39448429469. ✔ 1

39448429470. ✖ 2

39448429471. ✖ 3

39448429472. ✖ 4

Question Number : 169 Question Id : 3944847662 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

In the abbreviation CSR, 'C' stands for _____

1) Client

2) Company

3) Corporate

4) Customer

Options :

39448429473. ✖ 1

ZOLLEGE.in

39448429474. ✖ 2

39448429475. ✔ 3

39448429476. ✖ 4

Question Number : 170 Question Id : 3944847663 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

The current CEO of APPLE is _____.

1) Steve Jobs
2) Elon Musk
3) Tim Cook
4) Jeff Bezos

Options :

39448429477. ✖ 1

39448429478. ✖ 2

39448429479. ✔ 3

39448429480. ✖ 4

Sub-Section Number : 4

Sub-Section Id : 394484773

Question Shuffling Allowed : Yes

Question Number : 171 Question Id : 3944847664 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

A : "You'll crack up if you carry on working like this, my friend."

B: "I'll continue till I complete my assignments."

'A' is

1) adamant
2) humorous
3) concerned
4) indifferent

Options :

39448429481. ✔ 1

39448429482. ✖ 2

39448429483. ✖ 3

39448429484. ✖ 4

Question Number : 172 Question Id : 3944847665 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

A : Why are you always finding fault with your sister?

B: We are at odds with each other.

'B' means that she and her sister ____

1) are badly dressed

2) making a lot of noise

3) picking up unwanted things

4) always disagree

Options :

39448429485. ✖ 1

39448429486. ✖ 2

39448429487. ✖ 3

39448429488. ✔ 4

Question Number : 173 Question Id : 3944847666 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

A : "She will be defending her title at next month's championships."

B : "Well, she has to work hard."

'B' implies that

1) She will win.
2) She will lose.
3) Her win is doubtful.
4) She may win if she practises regularly.

Options :

39448429489. ✖ 1

39448429490. ✖ 2

39448429491. ✖ 3

39448429492. ✔ 4

Question Number : 174 Question Id : 3944847667 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

Sunil got his walking papers means that he _____.

1) got permission

2) got fined

3) was fired

4) had to walk home

Options :

39448429493. ✖ 1

39448429494. ✖ 2

39448429495. ✔ 3

39448429496. ✖ 4

Question Number : 175 Question Id : 3944847668 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

I _____ waiting here for the last two hours.

1) am

2) had been

3) was

4) have been

Options :

39448429497. ✖ 1

39448429498. ✖ 2

39448429499. ✖ 3

39448429500. ✔ 4

Question Number : 176 Question Id : 3944847669 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

The new recruit is <u>not worth his salt.</u>

The underlined idiom means that the new recruit ____

1) efficient

2) inefficient

3) active

4) arrogant

Options :

39448429501. ✖ 1

39448429502. ✔ 2

39448429503. ✖ 3

39448429504. ✖ 4

Question Number : 177 Question Id : 3944847670 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

His family has supported Anand through thick and thin.

This sentence means that Anand has been supported by his family ____ .

1) in difficulties

2) in good times only

3) in adversities

4) in good and bad times

Options :

39448429505. ✖ 1

39448429506. ✖ 2

39448429507. ✖ 3

39448429508. ✔ 4

Sub-Section Number : 5

Sub-Section Id : 394484774

Question Shuffling Allowed : Yes

Question Number : 178 Question Id : 3944847671 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

He watched the film from _____ .

1) the beginning to the end
2) beginning to the end
3) beginning to end
4) the beginning to end

Options :

39448429509. ✖ 1

39448429510. ✖ 2

39448429511. ✔ 3

39448429512. ✖ 4

Question Number : 179 Question Id : 3944847672 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

Investors do not seem to be interested _____ putting their money in long-term projects.

1) at

2) to

3) in

4) for

Options :

39448429513. ✖ 1

39448429514. ✖ 2

39448429515. ✔ 3

39448429516. ✖ 4

Question Number : 180 Question Id : 3944847673 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

The slaves struggled ___ freedom.

1) far

2) for

3) in

4) into

Options :

39448429517. ✖ 1

39448429518. ✔ 2

39448429519. ✖ 3

39448429520. ✖ 4

Question Number : 181 Question Id : 3944847674 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

Geetha was advised to _____ Arts as she did not like Science or Mathematics.

1) take on

2) take off

3) take in

4) take up

Options :

39448429521. ✖ 1

39448429522. ✖ 2

39448429523. ✖ 3

39448429524. ✔ 4

Question Number : 182 Question Id : 3944847675 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

The guest house was inaccessible except _____ .

1) on walk

2) on foot

3) walk

4) on feet

Options :

39448429525. ✖ 1

39448429526. ✔ 2

39448429527. ✖ 3

39448429528. ✖ 4

Question Number : 183 Question Id : 3944847676 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

The United Kingdom ____ to respect its monarchy.

1) will continues

2) continue

3) continues

4) is continue

Options :

39448429529. ✖ 1

ZOLLEGE.in

39448429530. ✖ 2

39448429531. ✔ 3

39448429532. ✖ 4

Question Number : 184 Question Id : 3944847677 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

He died ____ COVID.

1) with

2) from

3) on

4) of

Options :

39448429533. ✖ 1

39448429534. ✖ 2

39448429535. ✖ 3

39448429536. ✔ 4

Question Number : 185 Question Id : 3944847678 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct word/correct meaning of the word/Fill in the blanks with correct word / verb/phrase/preposition.

ZOLLEGE.in

The fire ___ the surrounding forest.

(1) helped

(2) demarked

(3) drowned

(4) devastated

Options :

39448429537. ✖ 1

39448429538. ✖ 2

39448429539. ✖ 3

39448429540. ✔ 4

Sub-Section Number : 6

Sub-Section Id : 394484775

Question Shuffling Allowed : Yes

Question Id : 3944847679 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (186 to 190)

Read the following passage and answer the questions.

ZOLLEGE.in

Holi celebrations start on the night before Holi with a Holika Dahan where people gather, perform religious rituals in front of the bonfire, and pray that their internal evil be destroyed the way Holika, the sister of the demon king Hiranyakashipu, was killed in the fire. The next morning is celebrated as Rangwali holi – a free-for-all festival of colours, where people smear each other with colours and drench each other. Water guns and water-filled balloons are also used to pray and colour each other. Anyone and everyone is fair game, friend or stranger, rich or poor, man or woman, children or elders. The frolic and fight with colours occur in open streets, open parks, outside temples and buildings. Groups carry drums and other musical instruments, go from place to place, sing and dance. People visit family, friends and foes to throw coloured powders on each other, laugh and gossip then share Holi delicacies, food and drinks. Some customary drinks include bhang (made from cannabis), which is intoxicating. In the evening, people dress up and visit friends and family.

Sub questions

Question Number : 186 Question Id : 3944847680 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Holika Dahan is celebrated because ____

1) It symbolizes destruction of evil within us

2) It symbolizes destruction of our enemies

3) It symbolizes destruction of evil in the outside world

4) It symbolizes the end of winter season.

Options :

39448429541. ✔ 1

39448429542. ✖ 2

39448429543. ✖ 3

39448429544. ✖ 4

Question Number : 187 Question Id : 3944847681 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which word in the given passage means "a solemn ceremony involving series of actions"

1) Rituals

2) Festivals

3) Bonfire

4) Celebration

Options :

39448429545. ✔ 1

ZOLLEGE.in

39448429546. ✖ 2

39448429547. ✖ 3

39448429548. ✖ 4

Question Number : 188 Question Id : 3944847682 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following statements about Holi is false?

1) Holi celebrations involve a lot of food and drink
2) Holi celebrations involve only the family
3) Holi celebrations involve music and dance
4) Holi celebrations involve intoxicating drinks

Options :

39448429549. ✖ 1

39448429550. ✔ 2

39448429551. ✖ 3

39448429552. ✖ 4

Question Number : 189 Question Id : 3944847683 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

The expression "free-for-all" means

1) Food and drink are given freely

2) Participation is not charged

3) Only a few can participate

4) Anybody can participate

Options :

39448429553. ✖ 1

39448429554. ✖ 2

39448429555. ✖ 3

39448429556. ✔ 4

Question Number : 190 Question Id : 3944847684 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the statement which is true

1) Holi is celebrated for five days

2) Holi is celebrated only by elders

3) Holi is celebrated in closed doors

4) Holi celebrations involve colours, food and drink

Options :

39448429557. ✖ 1

39448429558. ✖ 2

39448429559. ✖ 3

39448429560. ✔ 4

ZOLLEGE.in

Sub-Section Number : 7

Sub-Section Id : 394484776

Question Shuffling Allowed : Yes

Question Id : 3944847685 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (191 to 195)

Read the following passage and answer the questions.

ZOLLEGE.in

The COVID-19 pandemic has led to a dramatic loss of human life worldwide and presents an unprecedented challenge to public health, food systems and world of work. The economic and social disruption caused by the pandemic is devastating_: tens of millions of people are at risk of falling into extreme poverty, while the number of undernourished people, currently estimated at nearly 690 million, could increase by up to 132 million by the end of the year.

Millions of enterprises face an existential threat. Nearly half of the world's 3.3 billion global workforce are at risk of losing their livelihood. Informal economy workers are particularly vulnerable because the minority lack social protection and access to quality healthcare and have lost access to productive assets. Without the means to earn an income during lockdowns, many are unable to feed themselves and their families. For most, no income means no food, or at best, less food and less nutritious food.

Now is the time for global solidarity and support, especially with the most vulnerable in our societies, particularly in the emerging and developing world. Only together can we overcome the intertwined health and social and economic impacts of the pandemic and prevent its escalation into a protracted humanitarian and food security catastrophe with the potential loss of already achieved development gains.

We must recognise this opportunity to build back better, as noted in the Policy Brief issued by the United Nations Secretary-General. We are committed to pooling our expertise and experience to support countries in their crisis response measures and efforts to achieve the sustainable Development Goals. We need to develop long-term sustainable strategies to address the challenges facing the health and agri-foods sectors. Priority should be given to addressing underlying food security and malnutrition challenges, tackling rural poverty, in particular through more and better jobs in the rural economy, extending social protection to all, facilitating safe migration pathways and promoting the formalization of the informal economy.

Sub questions

Question Number : 191 Question Id : 3944847686 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What among the consequences of COVID-19, causes the enormous increase in the number of undernourished people?

1) Micro migration
2) Loss of human life
3) Danger to public health
4) Increase in poverty

Options :

39448429561. ✖ 1

39448429562. ✖ 2

39448429563. ✖ 3

39448429564. ✔ 4

Question Number : 192 Question Id : 3944847687 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Where do you find acute problem of food security?

1) All over the world
2) In the developed world
3) In the developing world
4) In the international community

Options :

39448429565. ✖ 1

ZOLLEGE.in

39448429566. ✖ 2

39448429567. ✔ 3

39448429568. ✖ 4

Question Number : 193 Question Id : 3944847688 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the meaning of "protracted" in the passage?

1) without delay

2) lasting longer than necessary

3) proposed

4) projected

Options :

39448429569. ✖ 1

39448429570. ✔ 2

39448429571. ✖ 3

39448429572. ✖ 4

Question Number : 194 Question Id : 3944847689 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Which organisation / country issued this policy statement on COVID-19?

1) Health Department, Government of India

2) Health Department, America

3) W.H.O.

4) Health Department, China

Options :

39448429573. ✖ 1

39448429574. ✖ 2

39448429575. ✔ 3

39448429576. ✖ 4

Question Number : 195 Question Id : 3944847690 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What are the sectors that need long-term sustainable strategies in this situation?

1) Urban economy

2) Health and Agri-food sectors

3) Migration

4) Unemployment

Options :

39448429577. ✖ 1

ZOLLEGE.in

39448429578. ✔ 2

39448429579. ✖ 3

39448429580. ✖ 4

Sub-Section Number : 8

Sub-Section Id : 394484777

Question Shuffling Allowed : Yes

Question Id : 3944847691 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (196 to 200)

Read the following passage and answer the questions.

ZOLLEGE.in

There was a time when the late Prime Minister of India, P.V. Narasimha Rao was asked by a journalist, "Sir, why do you always answer a question with a question?" Pat came the reply "Why shouldn't I answer a question with a question?" Such is the spontaneity of repartee that it leaves the person at the receiving end dumbfounded and speechless.

The word 'repartee' owes its origin to the French word repertoir which is a retort. Sir Sullivan states, "I have used the word 'artless' in my title for good reason, for if there be even a suggestion of premeditation about a repartee, it ceases to be what it is meant for – its power is gone... repartee is the saying of something on the spur of the moment which, by the unanimous consent of the hearers, leaves the person replied to practically destitute of speech by way of defence".

While repartee may be considered as the peak of wit, it necessarily needs to meet two conditions. First, it's always a rejoinder and second, it is delivered with lightning speed. The rejoinder need not always be a response to a spoken delivery and could include a response to an irritating action. Timing is the essence of repartee! It is different from 'staircase wit' which is when we think of a rather witty reply but only once we've left the door and are heading down the staircase. A repartee is typically delivered with courtesy although sometimes along with cleverness. It is distinct from an acrimonious reply but is brutal in its action. Which is why the Irish refer to it as an "insult with its dress suit on".

Sub questions

Question Number : 196 Question Id : 3944847692 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What do you understand from PV's rejoinder: "Why shouldn't I answer a question with a question?"

1) He was speechless
2) He did not answer the question
3) He ironically answered the question with another question
4) He delayed the rejoinder

Options :

39448429581. ✖ 1

39448429582. ✖ 2

39448429583. ✔ 3

39448429584. ✖ 4

Question Number : 197 Question Id : 3944847693 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the meaning of "dumbfounded" in the context?

1) He was dumb and hence could not speak
2) He was so shocked and surprised that he could not speak
3) He was timid
4) He found himself mentally retarded

Options :

ZOLLEGE.in

39448429585. ✖ 1

39448429586. ✔ 2

39448429587. ✖ 3

39448429588. ✖ 4

Question Number : 198 Question Id : 3944847694 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the characteristic of a good reporter?

1) It is premeditated and calculated

2) It is unpremeditated leaving the interlocuter defenceless

3) It is powerless

4) It is condemned unanimously

Options :

39448429589. ✖ 1

39448429590. ✔ 2

39448429591. ✖ 3

39448429592. ✖ 4

Question Number : 199 Question Id : 3944847695 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

What is the keynote of the repartee?

1) Courtesy

2) Cleverness

3) Acrimony

4) Properly timed

Options :

39448429593. ✖ 1

39448429594. ✖ 2

39448429595. ✖ 3

39448429596. ✔ 4

Question Number : 200 Question Id : 3944847696 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the 'staircase wit"?

1) Quick and witty reply

2) Witty remark that occurs on the staircase

3) Late occurrence of a witty reply

4) Witty reply without wrong

Options :

ZOLLEGE.in

39448429597. ✖ 1

39448429598. ✖ 2

39448429599. ✔ 3

39448429600. ✖ 4

ZOLLEGE.in