TG ICET 2020 URDU Question Paper with Answer Key

Telangana Integrated Common Entrance Test (TG ICET/ TS ICET)

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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 2020 30th Sept 2020 Shift 2
Subject Name :	TS ICET URDU 2020
Creation Date :	2020-10-01 15:18:23
Duration :	150
Number of Questions :	158
Total Marks :	200
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	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? :	Yes

TS ICET URDU 2020

Group Number :	1
Group Id :	39448418
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 :	39448452
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	45

Question Id : 3944843537 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (1 to 20)

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 1 تا 20 میں۔ایک سوال دو بیانات کی شکل۔ مواد کی شکل میں ظاہر کیا گیا ہے۔ جس کو Iاور 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 کیجیے۔

(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 کیجیے 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 کیجیے۔ اگر(3) دونوں بیانات Iاور II سوال کا جواب دینے کے لئے کافی ہیں۔ لیکن کوئی اسٹیٹمنٹ کافی نہیں ہے۔

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

Sub questions

Question Number : 1 Question Id : 3944843538 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Is x a rational number?

(I) $x = b+c$

(II) b and c are irrational numbers.

کیا x ایک معقول عدد ہے۔

$x = b+c$ (I)

(II) b اور c غیر معقول اعداد ہیں
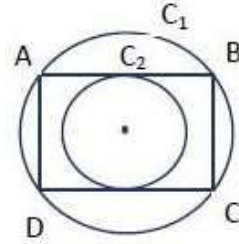
Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 2 Question Id : 3944843539 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the adjacent figure what is the area of the square *ABCD*?

(I)   AC = 16 cm

AC = 16 సెం. మీ.

(II)   The areas of the circles C_1 and C_2 are in ratio of 4:1

قریبی اعداد میں ABCD اسکوائر کا رقبہ کیا ہوتا ہے۔

AC = 16 cm (I)

AC = 16

C_1 اور C_2 کے سرکل کا رقبہ 4:1 کی نسبت میں ہے (II)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 3 Question Id : 3944843540 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
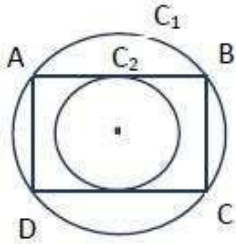
Correct Marks : 1 Wrong Marks : 0

$f(x)$ is a polynomial with integer coefficients. Is $(x+2)$ a factor of $f(x)$?

(I) $f(x) = 2x^4 + bx^3 + cx^2 + dx + e$

(II) $8b - 4c + 2d - e = 32$

ياکا $(x+2)$ a factor of $f(x)$ جنکورا Coefficient Polynominal ياکا $f(x)$

$$f(x) = 2x^4 + bx^3 + cx^2 + dx + e \quad (I)$$

$$8b - 4c + 2d - e = 32 \qquad (II)$$

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 4 Question Id : 3944843541 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Find the area of the sector?

    (I)   Length of the arc = 1 unit.

    (II)   Radius of sector is six times length of arc.

<div dir="rtl">سیکٹر کا رقبہ معلوم کرو۔</div>

Length of the arc = 1 unit.   (I)

Radius of sector is six times length of arc.   (II)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 5 Question Id : 3944843542 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A person can puchase three articles for Rs.49. What is the price of the costliest article?

(I)   The cost price of two articles each is Rs.1 less than the cost price of the costliest article.

(II)   The cost price of costliest article is 6.25% more than the cost price of the cheapest article.

ایک شخص 49 روپیوں میں تین چیزیں خریدتا ہے۔سب سے مہنگی چیز کی قیمت کیا ہے معلوم کرو۔

(I)   دو چیزوں کی قیمت خرید فی چیز 1 روپیہ ہے جو سب سے مہنگی چیز کی قیمت سے کم ہے۔

(II)   سب سے مہنگی چیز کی قیمت 6.25% ہے جو سب سے کم قیمت چیز کی قیمت سے کم ہے

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 6 Question Id : 3944843543 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Is the polygon *ABCD* a trapezium?

(I)   It has a pair of parallel sides.

(II)   Two of its sides are equal in length.

کیا polygon *ABCD* ایک trapezium ہے۔

(I)   اس کے دو متوازی خطوط کے جوڑ ہیں

(II)   دونوں کونے لمبائی کے اعتبار سے مساوی ہیں

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 7 Question Id : 3944843544 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 median of the frequency distribution?

(I)   Its arithmetic mean is 57.

(II)   Its mode is 55.

کیا frequency distribution کا ذریعہ کیا ہے۔

(I)   اس کا حسابی اوسط 57 ہے۔

(II)   اس کا موڑ 55 ہے۔

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 8 Question Id : 3944843545 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 positive integral value of x ?

(I) $39 < 7x + 3 < 46$

(II) $25 < x^2 < 49$

قیمت کیا ہے؟ positive کی اندرونی x

$39 < 7x + 3 < 46$ (I)

$25 < x^2 < 49$ (II)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 9 Question Id : 3944843546 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 LCM of two numbers a and b?

(I)   The GCD of a and b is 3.

(II) a is even and b is odd.

کیا ہے معلوم کرو؟ $a + b$ کا LCM

The GCD of a and b is 3.   (I)

a is even and b is odd.   (II)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 10 Question Id : 3944843547 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 digit in the Ten's place of the number *n* ?

   (I) $n > 100$

   (II)   *n* gives remainder 69 when divided by 100.

<div dir="rtl">

x   نمبر کے دسویں مقام کا درجہ کیا ہے

$n > 100$ (I)

اگر 100 سے تقسیم کیا جائے تو n کا باقی 69 ہوتا ہے   (II)

</div>

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 11 Question Id : 3944843548 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If A is a square matrix, what is det A?

(I)   det $5A = 45$

(II)   det $10A = 360$

Options :

1. ✸ 1
2. ✸ 2
3. ✔ 3
4. ✸ 4

Question Number : 12 Question Id : 3944843549 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

How old is Rakesh now?

(I)   Seven years ago, Rakesh was older than Suresh by eight years.

(II)   Presently Rakesh is thrice as old as Suresh.

اس وقت راکیش کی عمر کیا ہے۔

(I) 7 سال پہلے راکیش، سریش سے 8 سال بڑا تھا۔

(II) اس وقت راکیش سریش سے تین گناہ زیادہ عمر کا ہے۔

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 13 Question Id : 3944843550 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Find the cost of two benches and three chairs?

    (I)   The cost of 5 benches, 10 chairs is Rs.17500.

    (II)   The cost of 7 benches, 11 chairs is Rs.27500.

دو Benches اور تین کرسیوں کی قیمت کیا ہے معلوم کرو۔

(I) 5 benches اور 10 کرسیوں کی قیمت 17500 ہے۔

(II) 7 benches اور 11 کرسیوں کی قیمت 27500 ہے۔

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 14 Question Id : 3944843551 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Find the value of $\dfrac{x^3+y^3}{x+y}$.

(I) $x = \dfrac{4}{y}$

(II) $x^2+y^2 = 12$

<div dir="rtl">

$\dfrac{x^3+y^3}{x+y}$ کی قیمت معلوم کرو۔

$x = \dfrac{4}{y}$ (I)

$x^2+y^2 = 12$ (II)

</div>

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 15 Question Id : 3944843552 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Find the volume of the cone C

(I)   Height of C > radius of C

(II)   Volume of the cylinder. whose radius and height are same and C, is 300 cm³.

کا حجم کیا ہے معلوم کرو۔   Cone C

Height of C > radius of C (I)

300 cm³ ، اور C اور اونچائی دونوں برابر ہیں radius ایک سلینڈر کا حجم جس کے (II)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 16 Question Id : 3944843553 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 number of elements in the set *A*?

(I)   Number of elements in A ∪ B is 35.

(II)   Number of elemts in B − A is 7.

(Here B is also a set)

set *A* میں تعداد کا عنصر کیا ہوتا ہے معلوم کرو۔

Number of elements in A ∪ B is 35   (I)

Number of elemts in B − A is 7 (II)

یہاں پر B بھی ایک set ہے۔

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 17 Question Id : 3944843554 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 value of $\cos^4\theta + \sec^4\theta$?

(I) $\sin^2\theta + \cos^2\theta = 1$

(II) $\cos\theta + \sec\theta = 2$

<div dir="rtl">

کرو۔ معلوم قیمت کی $\cos^4\theta + \sec^4\theta$

$\sin^2\theta + \cos^2\theta = 1$ (I)

$\cos\theta + \sec\theta = 2$ (II)

</div>

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 18 Question Id : 3944843555 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 cost price of the article?

(I)   It is sold for Rs.X at a loss of 20%.

(II)   If it is sold for Rs.(X+50) the profit would have been 10%.

اشیا کی قیمت معلوم کرو۔

(I)   جبکہ یہ X کے لئے 20% نقصان پر فروخت کی گئی ہو

(II)   اگر یہ شئے (X+50) پر فروخت کی جاتی تو منافع 10% ہوتا ہے۔

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 19 Question Id : 3944843556 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If a set X has 22 elements and A is a subset of X, then what is the number of subsets of X that are disjoint from A?

اگر ایک set کے 22 elements ہوں اور A ، X کا subset ہو تب X کے subset کی تعداد کیا ہوتی ہے جب کہ اس کو CA سے علیحدہ کریں۔

(I)   Set A has less than 10 elements.

(II)   The largest subset of X disjoint from A has 14 elements.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 20 Question Id : 3944843557 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 value of y ?

(I) $x = 2y + z.$

(II) $x = (y - 1)^3$ and $x = 8.$

$x = (y - 1)^3$ మరియు $x = 8.$

<div dir="rtl">
y کی قیمت کیا ہوتی ہے معلوم کرو۔
</div>

$. x = 2y + z$ (I)

$x = (y - 1)^3$ and $x = 8.$ (II)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :   2
Sub-Section Id :   394484359
Question Shuffling Allowed :   Yes

Question Number : 21 Question Id : 3944843558 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

CAR : 040219 :: LOT : ____

(1) 131621

(2) 131520

(3) 131620

(4) 121621

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 22 Question Id : 3944843559 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

BMS : ZKQ :: ___ : AXY

(1) CZA

(2) DAB

(3) CYD

(4) BAD

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 23 Question Id : 3944843560 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

c, ___, h, ____, t

    (1) f, n

    (2) e, m

    (3) d, m

    (4) e, n

c, ___, h, ____, t

f, n (1)

e, m (2)

d, m (3)

e, n (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 24 Question Id : 3944843561 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Foot : Inch :: Year : ____

    (1) Decade

    (2) Day

    (3) Week

    (4) Month

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 25 Question Id : 3944843562 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

(6, 7) : 21 :: (8, 9) : ____

(1) 27

(2) 36

(3) 45

(4) 38

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 26 Question Id : 3944843563 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

GASKET : JISFER :: PERSON : ____

(1) RUMNIQ

(2) RSMOIQ

(3) NUQTOP

(4) RUPIIS

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 27 Question Id : 3944843564 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

PRINT : 86 :: NOVEL : ____

(1) 78

(2) 83

(3) 85

(4) 88

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 28 Question Id : 3944843565 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

____ : pon :: DCB : hgf

(1) *l* k j

(2) LKJ

(3) *l*KJ

(4) LKj

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 29 Question Id : 3944843566 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

CAM : USE :: SAT : _____

(1) KTM

(2) JRM

(3) KSL

(4) LTR

CAM : USE :: SAT : _____

KTM   (1)

JRM   (2)

KSL   (3)

LTR   (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 30 Question Id : 3944843567 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A2101U : B2002T :: C1703Q : R____S

(1) 1917

(2) 1918

(3) 1916

(4) 1919

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :	3
Sub-Section Id :	394484360
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 3944843568 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

نوٹ : 31تا35سوالات سے odd thing کا انتخاب کرو۔

(1) $x^3 - 3x^2 + 3x - 1 = 0$

(2) $x^3 - 3x^2 + 3x + 3 = 0$

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

(4) $x^3 + 6x^2 + 12x + 8 = 0$

$$x^3 - 3x^2 + 3x - 1 = 0 \ (1)$$

$$x^3 - 3x^2 + 3x + 3 = 0 \ (2)$$

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

$$x^3 + 6x^2 + 12x + 8 = 0 \ (4)$$

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 32 Question Id : 3944843569 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

نوٹ: سوالات 31 تا 35 سے odd thing کا انتخاب کرو۔

(1) $\frac{15}{19}$

(2) $\frac{14}{19}$

(3) $\frac{11}{19}$

(4) $\frac{9}{19}$

$\frac{15}{19}$ (1)

$\frac{14}{19}$ (2)

$\frac{11}{19}$ (3)

$\frac{9}{19}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 33 Question Id : 3944843570 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

نوٹ: 31تا35سوالات سے odd thing کا انتخاب کرو۔

(1) 3223

(2) 3443

(3) 3663

(4) 3883

3223 (1)

3443 (2)

3663 (3)

3883 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 34 Question Id : 3944843571 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

نوٹ: 31تا35سوالات سے odd thing کا انتخاب کرو۔

(1) Flute

(2) Violin

(3) Veena

(4) Mandolin

(1) فلوٹ

Violin (2)

Veena (3)

Mandolin (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 35 Question Id : 3944843572 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

نوٹ: 31تا35سوالات سے odd thing کاانتخاب کرو۔

(1) Fish

(2) Frog

(3) Turtle

(4) Allegator

(1) مچھلی

(2) مینڈک

(3) کچھوا

(4) ایلیگیٹر Allegator

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :   4
Sub-Section Id :   394484361
Question Shuffling Allowed :   Yes

Question Number : 36 Question Id : 3944843573 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۔

9, 28, 126, 344, ____

(1) 578

(2) 742

(3) 916

(4) 1332

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 37 Question Id : 3944843574 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.

$\frac{8}{3}$, $\frac{25}{12}$, $\frac{9}{5}$, ———, $\frac{32}{21}$, $\frac{81}{56}$

(1) $\frac{24}{18}$

(2) $\frac{49}{30}$

(3) $\frac{23}{18}$

(4) $\frac{25}{18}$

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 38 Question Id : 3944843575 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 دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

100, 110, 1000, 1001, _____

(1) 1010

(2) 1100

(3) 1101

(4) 1110

100, 110, 1000, 1001, _____ :

1010 (1)

1100 (2)

1101 (3)

1110 (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

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۔ انہیں دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

101, 103, _____, 109, 113, 127, 131

    (1) 111

    (2) 105

    (3) 103

    (4) 107

101, 103, _____, 109, 113, 127, 131

111 (1)

105 (2)

103 (3)

107 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 40 Question Id : 3944843577 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 دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

225, 16, 169, 36, 121, 64, 81, ____

(1) 88

(2) 92

(3) 96

(4) 100

Options :
1. �× 1
2. ✗ 2
3. ✗ 3
4. ✔ 4

Question Number : 41 Question Id : 3944843578 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۔

10, 30, 150, ___, 11550, 150150

    (1) 1050

    (2) 10100

    (3) 10350

    (4) 10550

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 42 Question Id : 3944843579 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 دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

$1\frac{2}{3}$, $1\frac{2}{5}$, $1\frac{2}{11}$, $1\frac{2}{17}$, $1\frac{2}{29}$, _____

(1) $1\frac{2}{43}$

(2) $1\frac{2}{41}$

(3) $1\frac{2}{37}$

(4) $1\frac{2}{35}$

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 43 Question Id : 3944843580 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 دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

CAUCHY, ____, IKIUDY, LPPDOL

(1) FECLSL

(2) FFBSTU

(3) FFBLSL

(4) FECLSL

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 44 Question Id : 3944843581 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۔ انہیں دیکھو اور مناسب جگہوں پر ان کو پُر کرو۔

aeuoi, _____, iaeuo, euoia

(1) uoiae,

(2) uoiea

(3) uioae

(4) uoeia

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 45 Question Id : 3944843582 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۔

0, 6, 24, 60, ____, 210

(1) 84

(2) 96

(3) 120

(4) 180

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number : 5
Sub-Section Id : 394484362
Question Shuffling Allowed : Yes

Question Id : 3944843583 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (46 to 48)

The following graph depicts the profits earned by a company through exports in the past six years. Based on this data, answer the questions 46,47 and 48.

حسب ذیل گراف ایک کمپنی کے منافع کو ظاہر کرتا ہے جو 6 سال سے درآمدات سے متعلق ہیں اس مواد کی بنیاد پر 46,47 اور 48 کے سوالات کے جوابات دو۔

Sub questions

Question Number : 46 Question Id : 3944843584 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The approximate yearly average of the profits through exports (in crores of rupees) is

(1) 29

(2) 32

(3) 33

(4) 34

قریب قریب سالانہ درآمدات کااوسط جو (کرور روپیوں) میں ظاہر کیا ہے۔

29 (1)

32 (2)

33 (3)

34 (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 47 Question Id : 3944843585 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In which year (2nd year to 6th year) the increase in the profits was maximum when compared to that of previous year?

(1) 5th year

(2) 4th year

(3) 3rd year

(4) 2nd year

کس سال میں (6th اور 2nd) منافعوں میں اضافہ زیادہ سے زیادہ تھا جبکہ اس کا تقابل گذشتہ سال سے کیا جائے۔

(1) پانچویں سال میں   5th year

(2) چوتھے سال میں   4th year

(3) تیسرے سال میں   3rd year

(4) دوسرے سال میں   2nd year

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 48 Question Id : 3944843586 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

When compared to the first 3 years what is the increase percentage in the profits to the

last three years?

(1) $89\frac{1}{6}$

(2) $90\frac{1}{3}$

(3) $91\frac{2}{3}$

(4) $92\frac{1}{6}$

اگر پہلے تین سے مقابلہ کیا جائے تو اس کا اضافہ فیصدی گذشتہ تین سال میں کیا ہوگا۔

$89\frac{1}{6}$ (1)

$90\frac{1}{3}$ (2)

$91\frac{2}{3}$ (3)

$92\frac{1}{6}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number : 6
Sub-Section Id : 394484363
Question Shuffling Allowed : Yes

Question Id : 3944843587 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (49 to 53)

The following Pie-chart shows the budget allocation of a company under different heads P,Q,R,S,T in one financial year. Based on the information given, answer the questions from 49-53.

Budget allocation of a company under different heads

P	100^0
Q	85^0
R	70^0
S	60^0
T	45^0

T, 45
P, 100
S, 60
R, 70
Q, 85
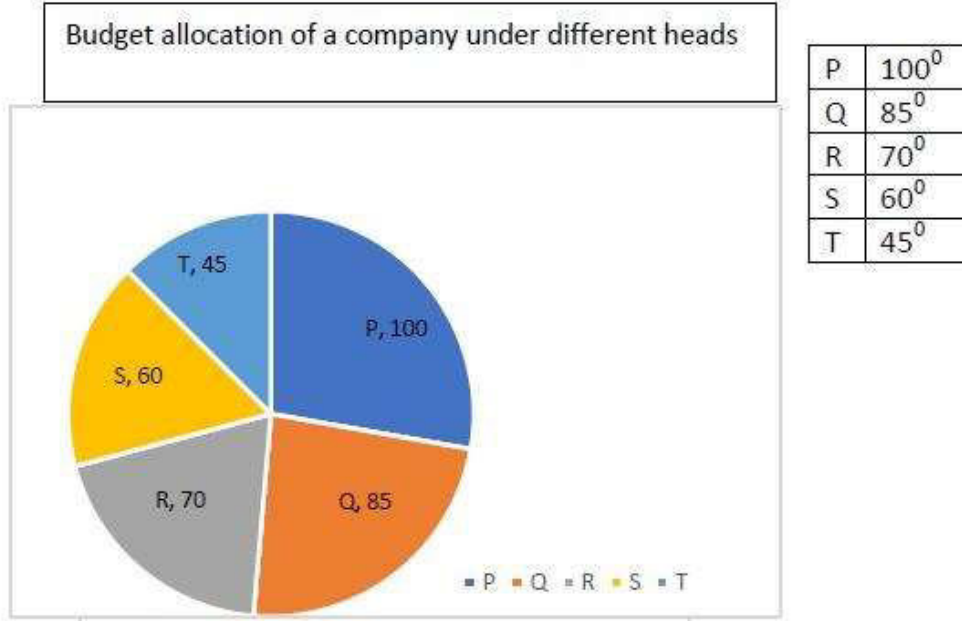
■ P ■ Q ■ R ■ S ■ T

حسب ذیل Pie-chart ایک کمپنی کے بجٹ الوکیشن کو ظاہر کرتا ہے جو مختلف مدت پر P,Q,R,S,T
ایک مالیاتی سال پر مرکوز ہے۔ دیئے ہوئے معلومات کی بنیاد پر 49-53 سوالات کے جوابات لکھو۔

Sub questions

Question Number : 49 Question Id : 3944843588 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The amount allocated to 'Q' is what percent of total budget?

(1) $22\frac{7}{18}$

(2) $23\frac{11}{18}$

(3) $22\frac{13}{18}$

(4) $23\frac{7}{18}$

<div dir="rtl">

'Q' کو دیئے ہوئے رقم' جملہ بجٹ کا کتنا فیصدی ہے۔

$22\frac{7}{18}$ (1)

$23\frac{11}{18}$ (2)

$22\frac{13}{18}$ (3)

$23\frac{7}{18}$ (4)

</div>

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 50 Question Id : 3944843589 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If the amount allocated to the head 'S' is Rs.18 lakhs, in an year, then the amount

allocated to the head 'P' in that year (in rupees of lakhs) is

(1) 20

(2) 24

(3) 30

(4) 32

<div dir="rtl">

اگرایک سال میں 'S' مد کے تحت رقم الاٹ کی جائے جو 18 ہو۔ تو اسی سالم مد 'P' کو الاٹ کی ہوئی رقم کیا

ہوگی۔

</div>

20 (1)

24 (2)

30 (3)

32 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 51 Question Id : 3944843590 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The amount allocated to the head 'R' is Rs.24 ½ lakhs in a year, then the total budget

in that year (in crores) is

(1) 1.08

(2) 1.12

(3) 1.20

(4) 1.26

اگر کسی سال head 'R' والاٹ کو کی ہوئی رقم 24½ لاکھ ہے تو اس سال کا کل بجٹ کیا ہو گا۔

1.08 (1)

1.12 (2)

1.20 (3)

1.26 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 52 Question Id : 3944843591 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If the total budget in an year is Rs.2.7 crores, then the difference between the allocations of heads S and T (in lakhs) is

(1) 12.5

(2) 12.25

(3) 11.5

(4) 11.25

اگر کسی سال جملہ بجٹ ہوگا 2.7 کروڑ ہو تو تب heads S, T کی تقسیم میں کیا فرق ہوگا۔

12.5 (1)

12.25 (2)

11.5 (3)

11.25 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 53 Question Id : 3944843592 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The total amount allocated to heads 'P' and 'S', put together is what percent of the

total amount allocated to the remaining heads?

    (1) 75

    (2) 78

    (3) 80

    (4) 90

اگر'P'اور'S'کوالاٹ کی ہوئی رقم کو یکجا کیا جائے تو بقایا headsکے جملہ رقم کا فیصدی کیا ہوگا۔

75 (1)

78 (2)

80 (3)

90 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number :   7
Sub-Section Id :   394484364
Question Shuffling Allowed :   Yes

Question Id : 3944843593 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (54 to 55)

Consider the following venn diagram representing three sets A, B, C. Based on the information given, answer the questions 54 and 55
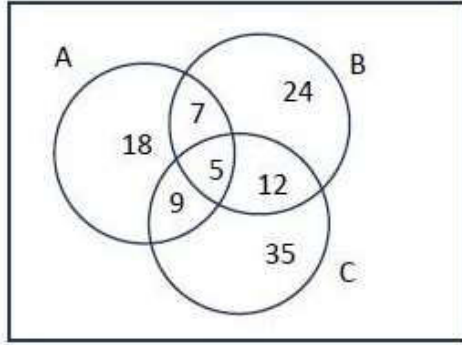
A- Students of a school play Football

B- Students of the same school play Basket ball

C- Students of the same school that play Cricket.

حسب ذیل venn diagram کو دیکھو جو تین sets کی نمائندگی کرتا ہے sets A,B, C مذکورہ بالا دیئے ہوئے معلومات کی بنیاد پر سوالات 54 اور 55 کے جوابات دو۔

(A)   اسی اسکول کے بچے فٹ بال کھیلتے ہیں۔

(B)   اسی اسکول کے بچے باسکٹ بال کھیلتے ہیں

(C)   اسی اسکول کے بچے کرکٹ کھیلتے ہیں۔

Sub questions

Question Number : 54 Question Id : 3944843594 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The number of students who play Cricket and Football but not Basket ball is

(1) 7

(2) 9

(3) 5

(4) 12

54 5 بچوں کی وہ تعداد جو کرکٹ اور فٹ بال کھیلتے ہیں ناکہ باسکٹ بال حسب ذیل میں دی گئی ہے۔

7 (1)

9 (2)

5 (3)

12 (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 55 Question Id : 3944843595 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The number of students who play either Football or Basket ball is

(1) 63

(2) 70

(3) 68

(4) 75

بچوں کی وہ تعداد جو فٹ بال بھی کھیلتے ہے اور باسکٹ بال حسب ذیل ہے۔

63 (1)

70 (2)

68 (3)

75 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

English alphabets (26) are arranged along a circle. Then each vowel is coded to its

next second vowel in clockwise direction while each consonant is coded to its next

consonant in clockwise direction. For decoding the inverse process can be followed.

Using this coding procedure answer the questions 56-60.

انگریزی حروف ایک حلقہ کی شکل میں ترتیب دیئے گئے ہیں تب ہر حصوں کو دوسرے حصوں کے ساتھ اسی

سمت میں جوڑا گیا ہے۔ جب کہ Consonant کے ساتھ جوڑا گیا ہے Decoding کے لئے الٹا طریقہ

کو استعمال کیا جاسکتا ہے Coding کے طریقہ کو استعمال کرتے ہوئے سوالات کے جوابات لکھو۔

Sub questions

Question Number : 56 Question Id : 3944843597 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Code word for LARGE is

(1) MISHU

(2) MISHO

(3) MISHA

(4) MISHE

MISHU (1)

MISHO (2)

MISHA (3)

MISHE (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 57 Question Id : 3944843598 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Code word for SMALL is

(1) TNAOO

(2) TMIOO

(3) TNINN

(4) TNIMM

<div dir="rtl">

SMALL کے لیے Code کا استعمال کیا جاتا ہے۔

TNAOO (1)

TMIOO (2)

TNINN (3)

TNIMM (4)

</div>

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 58 Question Id : 3944843599 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 is coded as CITO?

(1) BATE

(2) BOSE

(3) BASE

(4) BESA

کونسالفظ CITO کے لئے کوڈ کیا جاتا ہے۔

BATE (1)

BOSE (2)

BASE (3)

BESA (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 59 Question Id : 3944843600 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Code word for QUARANTINE is

(1) REISIPVUPO

(2) REISIOVUPO

(3) REISIUVOPO

(4) REISIRVUPO

QUARANTINE کے لئے کونسا لفظ کوڈ کیا جاتا ہے۔

REISIPVUPO (1)

REISIOVUPO (2)

REISIUVOPO (3)

REISIRVUPO (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 60 Question Id : 3944843601 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Code word for CORONA VIRUS is

    (1) DASAPI WUSET

    (2) DASAPI WUSIT

    (3) DASAPI WUSIV

    (4) DASAPI WUSIW

Code word for CORONA VIRUS

کرونا وائرس کے لئے لوسا لفظ لوڈ لیا جاتا ہے۔

DASAPI WUSET (1)

DASAPI WUSIT (2)

DASAPI WUSIV (3)

DASAPI WUSIW (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :	9
Sub-Section Id :	394484366
Question Shuffling Allowed :	Yes

Question Number : 61 Question Id : 3944843602 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In a certain code, CALIFORNIA is coded as GWPEJKVJMW. The code word for

ANDHRA is

(1) EHVJDW

(2) EJDHVW

(3) EJHDVW

(4) AHJVDW

بعض کوڈ میں CALIFORNIA کو GWPEJKVJMW کے طور پر کوڈ کیا جاتا ہے

ANDHRA کے لئے Code کیا استعمال کیا جاتا ہے۔

EHVJDW (1)

EJDHVW (2)

EJHDVW (3)

AHJVDW (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 62 Question Id : 3944843603 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If 18907 is coded as BIJAH then the code for 25836 is

(1) FJKLM

(2) CFIDG

(3) DCGHI

(4) EHJVDW

اگر 18907 کو بطور BIJAH کوڈ کیا جائے تب 25836 کے لئے کیا کوڈ ہوگا۔

FJKLM (1)

CFIDG (2)

DCGHI (3)

EHJVDW (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 63 Question Id : 3944843604 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If TRIGONOMETRY is coded as UTLKTTVUNDCK, then TRIANGLE will be

coded as

(1) UTLSESMN

(2) UTLESSMN

(3) UTLSEMSM

(4) UTLESMSM

<div dir="rtl">

اگر TRIGONOMETRY کو بطور UTLKTTVUNDCK کوڈ کیا جائے تو تب

TRIANGLE کو کیا کوڈ دیا جائے۔

UTLSESMN (1)

UTLESSMN (2)

UTLSEMSM (3)

UTLESMSM (4)

</div>

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 64 Question Id : 3944843605 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If BLACK is coded as 2515262416, then RED is oded as

(1) 092223

(2) 082122

(3) 072021

(4) 092122

اگر BLACK کو بطور 2515262416 کوڈ کیا جائے تو RED کو کیا کوڈ کیا جائے گا۔

092223 (1)

082122 (2)

072021 (3)

092122 (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 65 Question Id : 3944843606 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

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

(1) 04011805

(2) 04011705

(3) 04011605

(4) 04011505

اگر HIGH کو 08090708 کے طور پر کوڈ دیا جائے تو DARE کو کیا کوڈ دیا جائے گا۔

04011805 (1)

04011705 (2)

04011605 (3)

04011505 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number : 10
Sub-Section Id : 394484367
Question Shuffling Allowed : Yes

Question Number : 66 Question Id : 3944843607 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

تاریخ، وقت اور انتظامات سے متعلق سوالات

In a certain leap year the first day of the year was Sunday. On what day was the 2nd of March in that year?

(1) Thursday

(2) Friday

(3) Saturday

(4) Sunday

کسی سال کے Leap سال میں سال کا پہلا دن اتوار تھا۔ تو اس سال 2nd مارچ کو کیا دن تھا۔

(1) جمعرات

(2) جمعہ

(3) ہفتہ

(4) اتوار

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 67 Question Id : 3944843608 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

تاریخ، وقت اور انتظامات سے متعلق سوالات

The angle between minutes hand and hours hand in wall clock (in radians) at 9.56 am

is

(1) $\frac{19\pi}{90}$

(2) $\frac{\pi}{5}$

(3) $\frac{\pi}{4}$

(4) $\frac{17\pi}{90}$

کسی Wall clock میں منٹ اور گھنٹوں کے درمیان 9.56 am کو کیا Angle ہوگا۔

$\frac{19\pi}{90}$ (1)

$\frac{\pi}{5}$ (2)

$\frac{\pi}{4}$ (3)

$\frac{17\pi}{90}$ (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 68 Question Id : 3944843609 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

تاریخ' وقت اور انتظامات سے متعلق سوالات

A clock gains time uniformly. It was observed to be 2 minutes slow at 12.00 pm on

Monday and was 4 minutes 48 seconds fast at 2.00 pm on the next Monday. When

did the watch show the correct time?

    (1) Friday

    (2) Thursday

    (3) Wednesday

    (4) Tuesday

<div dir="rtl">

ایک گھڑی اپنا وقت یکساں طور پر بتلاتی ہے یہ مشاہدہ کیا گیا کہ پیر کے دن 12.00 pm پر وہ 2 منٹ کم تھی

اور دوسرے پیر کو 2.00 pm بجے 4 منٹ 48 سکنڈ زیادہ تھی۔ وہ گھڑی صحیح وقت کب بتلائے گی۔

(1)   جمعہ

(2)   جمعرات

(3)   چہار شنبہ

(4)   منگل

</div>

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 69 Question Id : 3944843610 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

<div dir="rtl">

تاریخ ، وقت اور انتظامات سے متعلق سوالات

</div>

A is B's sister, C is B's mother, D is C's father and E is D's mother, then how is A

related to D?

(1) Grand father

(2) Grand mother

(3) Daughter

(4) Grand daughter

A' B کی بہن ہے 'B' C کا باپ ہے 'D' E کی ماں ہے تو بتلائے کہ A کا D سے کیا رشتہ ہے۔

(1)   دادا

(2)   دادی

(3)   بیٹی

(4)   پوتری

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 70 Question Id : 3944843611 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

تاریخ ، وقت اور انتظامات سے متعلق سوالات

Mr.A left home for the bus stop 25 minutes earlier than usual. It takes 15 minutes for A to reach the bus stop. A reaches bus stop at 8.30 am. What time does A usually leave house for the bus stop?

(1)   9.00 am

(2)   8.50 am

(3)   8.40 am

(4)   8.35 am

مسٹر A سے معمولی سے ہٹ کر 25 منٹ پہلے گھر سے بس اسٹانڈ کے لئے روانہ ہوا A کو بس

اسٹاپ پہنچنے کے لئے 15 منٹ درکار ہوتے ہیں۔ A بس اسٹاپ 8.30 am پہنچتا ہے A کتنا وقت بس

اسٹاپ جانے کے لئے گھر سے نکلتا ہے۔

9.00 am صح   (1)

8.50 am صح   (2)

8.40 am صح   (3)

8.35 am صح   (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 71 Question Id : 3944843612 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Mr A came 34 minutes before the time at which a board meeting is scheduled. Mr B arrives to the meeting 25 minutes later than Mr.C who arrived 7 minutes before the scheduled time of that board meeting. If B arrived at 11.03 am, then the time of arrival of Mr.A is

(1) .10.11 am

(2) 10.45 am

(3) 10.38 am

(4) 11.03 am

مسٹر A بورڈ میٹنگ کے شروع سے 34 منٹ قبل پہنچتا ہے۔ مسٹر B میٹنگ کو مسٹر C سے 25 دیری سے پہنچتا ہے جو 7 منٹ پہلے میٹنگ کے انعقاد کے لئے پہنچتا ہے اگر B 11.03 پر پہنچتا ہے تو مسٹر A پہنچنے کا وقت کیا ہو گا۔

(1) 10.11 am صبح

(2) 10.45 am صبح

(3) 10.38 am صبح

(4) 11.03 am صبح

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 72 Question Id : 3944843613 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

A church bell rings at regular intervals of 50 minutes. It rang at 7.00 am after that

there was a technical problem with the bell and it was rectified at 8.45 am. When will

the bell ring between 10 am and 11 am ?

(1)   10.20 am

(2)   10.30 am

(3)   10.50 am

(4)   10.40 am

ایک church bell پابندی سے 50 منٹ کے وقفہ سے بجتی ہے۔ اگر وہ 7.00 بجے صبح بجی۔اس

کے بعد گھنٹے کے فنی خرابی کے باعث اس کو 8.45 بجے ٹھیک کیا گیا بتایئے کہ کب گھنٹی 10 اور 11 کے

درمیان بجے گی۔

(1)   صبح 10.20 am

(2)   صبح 10.30 am

(3)   صبح 10.50 am

(4)   صبح 10.40 am

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 73 Question Id : 3944843614 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

For $\frac{a}{b} < 1$, define $a * b = \frac{a}{b} + \frac{a^3}{b^3} + \frac{a^5}{b^5} + \ldots$ then $4 * 6 =$

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

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

(3) 1

(4) $\frac{6}{5}$

اوپر کی مساوات کا حل پیش کرو۔

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

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

1 (3)

$\frac{6}{5}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 74 Question Id : 3944843615 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If $x \Delta y = |x|y + x|y| - (x+y)$ for $x,y \in \mathbb{R}$, then $\frac{-3}{2} \Delta \frac{1}{2} =$

(1) 1

(2) $\frac{-1}{2}$

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

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

اوپر دیۓ ہوۓ الجبریائی مساوات کو حل کرو۔

1 (1)

$\frac{-1}{2}$ (2)

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

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

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 75 Question Id : 3944843616 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

تاریخ ، وقت اور انتظامات سے متعلق سوالات

If α, β, γ and δ denote the arithmetical operations $+, -, \times$ and $\div$ respectively then

$[(10 \; \gamma \; 4) \; \alpha \; (4 \gamma 4) \beta 6] \; \delta \; (50) =$

(1) 4

(2) 3

(3) 2

(4) 1

اگر δ اور α, β, γ حسابی عمل کو ظاہر کرتے ہیں respectively ÷ اور x ,− ,+ تب

$[(10 \; \gamma \; 4) \; \alpha \; (4 \gamma 4) \beta 6] \; \delta \; (50)$

4 (1)

3 (2)

2 (3)

1 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Mathematical Ability

Section Id : 39448453
Section Number : 2
Section type : Online
Mandatory or Optional : Mandatory
Number of Questions : 75
Number of Questions to be attempted : 75
Section Marks : 75
Mark As Answered Required? : Yes
Sub-Section Number : 1

Question Number : 76 Question Id : 3944843617 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

$$\left\{ 3 - \left\{ 1 - (1-x^2)^{-1} \right\}^{-1} \right\}^{-1/2}$$

(1)   1

(2) x

(3) $1/x$

(4) $\sqrt{x}$

$$\left\{ 3 - \left\{ 1 - (1-x^2)^{-1} \right\}^{-1} \right\}^{-1/2}$$

1 (1)

x (2)

$1/x$ (3)

$\sqrt{x}$ (4)

Note: For this question, discrepancy is found in question/answer. So,this question is ignored for all candidates.

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 77 Question Id : 3944843618 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 $\dfrac{(2^{n+1})^m (2^{2n}) (2^n)}{(2^{m+1})^n (2^{2m})} = 1$, then $m =$

(1) $\dfrac{n}{2}$

(2) n

(3) $2n$

(4) n^2

If $\dfrac{(2^{n+1})^m (2^{2n}) (2^n)}{(2^{m+1})^n (2^{2m})} = 1$. then $m =$

$m =$ تب

$\dfrac{n}{2}$ (1)

n (2)

$2n$ (3)

n^2 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 78 Question Id : 3944843619 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 a : b = 3 : 7 and b : c = 5 : 4, then 2a : 3b : 4c =

(1) 6 : 21 : 16

(2) 15 : 35 : 28

(3) 30 : 105 : 112

(4) 30 : 70 : 81

If a : b = 3 : 7 and b : c = 5 : 4, then 2a : 3b : 4c =

تب b : c = 5 : 4. تب a : b = 3 : 7' 2a : 3b : 4c =

6 : 21 : 16 (1)

15 : 35 : 28 (2)

30 : 105 : 112 (3)

30 : 70 : 81 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 79 Question Id : 3944843620 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

Four men can do as much work as eight women, and three women can do as much work as four children. If twenty-four women finish a work in 52 days, in how many days, will the same work be finished by 8 men, 4 women and 8 children?

(1) 48

(2) 38

(3) 50

(4) 40

4 مرد 8 عورتوں کے برابر کام کر سکتی ہیں اور 3 عورتیں 4 بچوں کے برابر کام کر سکتی ہیں اگر 24 عورتیں ایک کام 52 دن میں ختم کر سکتی ہیں۔ تو وہی کام 8 مرد و 4 عورتیں اور 8 بچے کتنے دنوں میں مکمل کر سکتے ہیں۔

48 (1)

38 (2)

50 (3)

40 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 80 Question Id : 3944843621 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

$$\frac{2}{\sqrt{10+2\sqrt{21}}} - \frac{1}{\sqrt{12-2\sqrt{35}}} + \frac{1}{\sqrt{8-2\sqrt{15}}}$$

(1) $\sqrt{7}$

(2) $\sqrt{5}$

(3) $\sqrt{3}$

(4) 0

$$\frac{2}{\sqrt{10+2\sqrt{21}}} - \frac{1}{\sqrt{12-2\sqrt{35}}} + \frac{1}{\sqrt{8-2\sqrt{15}}}$$

$\sqrt{7}$ (1)

$\sqrt{5}$ (2)

$\sqrt{3}$ (3)

0 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 81 Question Id : 3944843622 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 $x = 17 + 12\sqrt{2}$ then $x^2 + \frac{1}{x^2} =$

(1) $289 + 24\sqrt{2}$

(2) 287

(3) $34 + 24\sqrt{2}$

(4) 1154

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 82 Question Id : 3944843623 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 number of divisors of 2160 which is of the form $3k$, where k is a positive

integer is

(1) 10

(2) 20

(3) 30

(4) 40

integer کے divisors 2160 کی تعداد' جو 3k کی بنیاد پر قائم ہے۔ جہاں پر k ثبت ہے۔

10 (1)

20 (2)

30 (3)

40 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 83 Question Id : 3944843624 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 $5! + 6! + 7! + \cdots + 100!$ is divided by 35 is ___

(1) 0

(2) 1

(3) 2

(4) 3

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 84 Question Id : 3944843625 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 LCM and GCD of two numbers are 4641 and 21 respectively. If one is greater than 300, then find the other number.

(1) 273

(2) 283

(3) 293

(4) 299

دو اعداد کا LCM اور GCD بالترتیب 4641 اور 21 ہے۔ اگر ان میں ایک کا 300 ہو تو دوسرا عدد معلوم کرو۔

273 (1)

283 (2)

293 (3)

299 (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 85 Question Id : 3944843626 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 GCD of two positive integers *m, n* is 5, then the GCD of 201*m* and 2697*n* is

(1) 5

(2) 10

(3) 15

(4) 20

اگر دو مثبت Integers *m,n* کا GCD 5 ہو۔ تب 201*m* اور 2697*n* کا GCD کیا ہوگا۔

5 (1)

10 (2)

15 (3)

20 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 86 Question Id : 3944843627 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

$$5 + \cfrac{1}{6 + \cfrac{1}{8 + \frac{1}{10}}} =$$

(1) $5\dfrac{18}{496}$

(2) $5\dfrac{81}{496}$

(3) $5\dfrac{118}{496}$

(4) $5\dfrac{169}{496}$

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 87 Question Id : 3944843628 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

$(11 \div 2\frac{1}{5}) \div \frac{11}{5}$ of $\div 5\frac{1}{2} - 3\frac{1}{2} =$

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

(2)   5

(3) $\frac{9}{2}$

(4)   9

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 88 Question Id : 3944843629 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 ascending order of the following fractions

$a = \frac{1}{2}$; $b = \frac{2}{9}$; $c = \frac{7}{13}$; $d = \frac{13}{18}$ is

(1) a, b, c, d

(2) b, a, c, d

(3) d, c, b, a

(4) c, d, a, b

<div dir="rtl">

حسب ذیل میں بڑھتی ہوئی ترتیب میں کسر دی گئی ہے۔

</div>

$a = \frac{1}{2}$; $b = \frac{2}{9}$; $c = \frac{7}{13}$; $d = \frac{13}{18}$

a, b, c, d (1)

b, a, c, d (2)

d, c, b, a (3)

c, d, a, b (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 89 Question Id : 3944843630 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

<div dir="rtl">

حسابی قابلیت

</div>

If $a \leq b \leq c \leq d \leq e \leq a$ and $e = 39$, then possible value of c is

(1)   29

(2)   39

(3)   49

(4)   59

حسب ذیل میں مواد دیا گیا ہے۔ e کی قیمت کیا ہو گی۔

If $a \leq b \leq c \leq d \leq e \leq a$ and $e = 39$, then possible value of c is

29   (1)

39   (2)

49   (3)

59   (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 90 Question Id : 3944843631 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 450 kg of two food grains A and B. A is 15%. How much quantity of B (in kg) is to be added to this mixtureso that A will be 5% in the resulting quantity?

(1) 540

(2) 600

(3) 860

(4) 900

اور B دو اناج کے ذخیرہ ، 450 کلو گرام ہے۔ A کا اناج %15 ہے۔ B کی کس قدر مقدار کو ذخیرہ میں ملایا جائے تاکہ اناج A میں %5 کا اضافہ ہو۔

540 (1)

600 (2)

860 (3)

900 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 91 Question Id : 3944843632 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 25% of 640 is 11 less than x% of 15, then $x =$

    (1) 57

    (2) 114

    (3) 1140

    (4) 570

اگر 640 کا 25% حصہ 11 ہو جو x^2 کے 15 سے کم ہو۔تب x کی قیمت کیا ہوگی۔

57 (1)

114 (2)

1140 (3)

570 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 92 Question Id : 3944843633 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 cost price of 20 articles is equal to the sale price of 16 articles, then the profit

percentage is

(1) 25

(2) $27\frac{1}{2}$

(3) 30

(4) $32\frac{1}{3}$

اگر 20 اشیا کی لاگت 16 اشیا کی قیمت فروخت کے مساوی ہو۔ تب منافع کی شرح کیا ہو گی۔

25 (1)

$27\frac{1}{2}$ (2)

30 (3)

$32\frac{1}{3}$ (4)

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 93 Question Id : 3944843634 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 marked price of article A is Rs.1200 more than its cost price. When a discount of Rs.300 is allowed, a profit of 20% is earned. To earn a profit of 25%, the price at which the article A should be sold is (in Rupees).

(1) 5120

(2) 5400

(3) 5625

(4) 6200

اگر اشیا A کی مارکٹ قیمت 1200 اس کی لاگت سے زیادہ ہو۔ جبکہ 300 روپیوں کی چھوٹ اگر دی جائے تو 20% منافع کمایا جاتا ہے۔ 25% نفع کمانے کے لئے آرٹیکل A کو کس قیمت پر فروخت کیا جانا چاہیے۔

(روپیوں میں)

5120 (1)

5400 (2)

5625 (3)

6200 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 94 Question Id : 3944843635 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,B,C started a partnership business where A invests 3 times as much as B and B

invests $\frac{2}{3}$ of what C invests. The ratio of their profits at the end of the year is

(1) $2 : 3 : 6$

(2) $3 : 2 : 4$

(3) $6 : 2 : 3$

(4) $6 : 1 : 2$

A,B,C کی شراکت داری کاایک کاروبار شروع کرتے ہیں، جبکہ 'A' B سے تین گناہ زیادہ سرمایہ کاری

کرتا ہے اور C' B سے $\frac{2}{3}$ حصہ زیادہ سرمایہ کاری کرتا ہے۔ سال کے ختم پران کا نفع میں حصہ کیا ہوگا۔

$2 : 3 : 6$ (1)

$3 : 2 : 4$ (2)

$6 : 2 : 3$ (3)

$6 : 1 : 2$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 95 Question Id : 3944843636 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 partnership business with A,B,C as partners, the capital of A is $\frac{3}{4}$ of the capital of B + C and capital of B is $\frac{1}{3}$ of the capital of C + A. The ratio of the annual share of their profits is

(1) 5 : 8 : 11

(2) 7 : 10 : 11

(3) 11 : 9 : 8

(4) 12 : 7 : 9

A,B,C کے ایک شراکتی کاروبار میں A کا سرمایہ B + C کے سرمایہ سے $\frac{3}{4}$ گنا زیادہ ہے اور B کا سرمایہ C + A کے سرمایہ سے $\frac{1}{3}$ حصہ زیادہ ہے۔ سالانہ منافعوں میں ان کی نسبت کیا ہو گی۔

5 : 8 : 11 (1)

7 : 10 : 11 (2)

11 : 9 : 8 (3)

12 : 7 : 9 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 96 Question Id : 3944843637 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 tank has two taps A and B. The taps A and B can empty a full tank in 6 hours and 8 hours respectively. Both are opened at same instant and after 2 hours, B is closed. Total time taken to fill the empty tank (in hours) is

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

(2) 3

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

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

ایک پانی کی ٹانکی میں دو نل A اور B لگے ہوئے ہیں نل A اور B ، 6 گھنٹوں اور 8 گھنٹوں میں اس ٹانکی کو پوری طرح سے خالی کر سکتے ہیں۔ اگر دو گھنٹوں کے لئے دونوں نلوں کو کھول دیا جائے اور B کو بند کر دیا جائے تو ٹانکی کو بھرنے کے لئے کتنا وقت درکار ہوتا ہے۔ (گھنٹوں میں)

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

3 (2)

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

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 97 Question Id : 3944843638 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 pipe can fill a tank in 16 minutes and a second one fill it in 24 minutes. A third pipe can empty that full tank in 8 minutes. The first two pipes are kept open for 4 minutes in the beginning and then the third pipe is opened. Then the time in which the tank will be emptied after all the three pipes started working simultaneously (in minutes) ?

(1) 20

(2) 24

(3) 28

(4) 32

ایک پائپ 16 منٹ میں ایک tank کو بھرتا ہے۔ دوسرا پائپ اس کو 24 منٹ میں بھرتا ہے۔ تیسرا پائپ اس tank کو 8 منٹ میں خالی کرتا ہے۔ پہلے دونوں پائپ کو 4 منٹ کے لئے کھول دیا جائے پھر تیسرے پائپ کو کھول دیا جائے تو کتنے وقت میں وہ tank خالی ہو سکتا ہے جبکہ تینوں پائپوں کو یکساں کام کرنے دیا جائے۔

20 (1)

24 (2)

28 (3)

32 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 98 Question Id : 3944843639 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Arithmetical Ability

حسابی قابلیت

Initially Mandeep is at place X and Sandeep is at place Y and these two places are separated by a distance of 825 kms. Mandeep started his journey at 35 khph for 3 hours earlier than Sandeep to meet each other. If the speed of Sandeep is 45 kmph and they met at place Z between X and Y; the distance between Y and Z (in kms) is

(1) 505

(2) 460

(3) 435

(4) 405

Mandeep ایک مقام X پر ہے اور Sandeep دوسرے مقام Y پر ہے۔ یہ دونوں مقامات کو 825 کلو میٹر کے فرق سے علیحدہ کر دیا جائے، Mandeep، 35 کلو میٹر فی گھنٹہ کی رفتار سے اپنے سفر کا آغاز کرتا ہے جو Sandeep سے 3 گھنٹے پہلے شروع ہوتا ہے تاکہ ایک دوسرے سے ملاقات کر سکیں۔ اگر Sandeep کی رفتار 45 کلو میٹر فی گھنٹہ ہو اور وہ Z مقام پر جو X اور Y کے درمیان ہے Y اور Z کے درمیان فاصلہ کیا ہو گا۔

505 (1)

460 (2)

435 (3)

405 (4)

Options :
1. ✶ 1
2. ✶ 2
3. ✶ 3
4. ✔ 4

Question Number : 99 Question Id : 3944843640 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 person walking at a speed of 10 kmph stops and rests for 2 minutes after every

kilometer. How much time will he take to cover 6 kms?

(1) 55 minutes

(2) 50 minutes 36 seconds

(3) 46 minutes

(4) 35 minutes 36 seconds

ایک شخص 10 کلو میٹر فی گھنٹہ کی رفتار سے چلتا ہے ٹھہرتا ہے اور 2 منٹوں کے لئے ہر کلو میٹر
پر آرام کرتا ہے۔ 6 کلو میٹر کا فاصلہ طے کرنے کے لئے کتنا وقت درکار رہتا ہے۔

55 منٹ (1)

50 منٹ 36 سکنڈس (2)

46 منٹ (3)

35 منٹ 36 سکنڈس (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 100 Question Id : 3944843641 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

35 persons can plant 1500 trees in 7 hours. In how many hours 45 persons can plant 2500 trees?

    (1) 15

    (2) 12

    (3) 8

    (4) 10

<div dir="rtl">

35افراد، 7 گھنٹوں میں 1500 پودے لگاتے ہیں۔ کتنے گھنٹوں میں 45 افراد 2500 پودے لگا سکتے ہیں۔

15 (1)

12 (2)

8 (3)

10 (4)

</div>

Options :
1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 101 Question Id : 3944843642 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

<div dir="rtl">حسابی قابلیت</div>

Two persons A and B undertook to do a piece of work for Rs.6534. A alone can do it in 12 days and B alone can do it in 18 days. If they finished that with the help of C in 6 days, then the share of C in that work is (in rupees)

(1) 1484

(2) 1268

(3) 1089

(4) 936

دو افراد A اور B ایک کام کو کرنے کے لئے 6534 روپیوں کا معاوضہ لیتے ہیں۔ A تنہا اس کام کو 12 دنوں میں کرتا ہے اور B تنہا اس کام کو 18 دنوں میں کرتا ہے۔ اگر دونوں اس کام کو کرنے کے لئے C کی مدد لیتے ہوئے 6 دنوں میں پورا کر سکتے ہیں۔ تو اس کام میں C کا حصہ کیا ہوگا۔ (روپیوں میں)

1484 (1)

1268 (2)

1089 (3)

936 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 102 Question Id : 3944843643 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 area of a rhombus if its perimeter is 40 cm and one of its diagonals is 16 cm (in sq.cm) is

(1) 84

(2) 90

(3) 92

(4) 96

اگر ایک rhombus کا رقبہ اس کے perimeter کے 40 سنٹی میٹرس اور اس کے ایک شکل

کا رقبہ 16 سنٹی میٹرس ہو تو اسکوئر میٹرس میں اس کا رقبہ کیا ہوگا۔

84 (1)

90 (2)

92 (3)

96 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 103 Question Id : 3944843644 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

Around a circular field of radius 5 meters, there is a path of 2 meters wide. Then the area of the path (in sq. m) is

(1) 12π

(2) 15π

(3) 18π

(4) 24π

ایک سرکلر فیلڈ کے اطراف کا نصف قطر 5 میٹر ہے۔ 2 میٹر س کا ایک راستہ رکھا گیا ہے۔ تب اس راستہ کا رقبہ (sq. m) میں دریافت کرو۔

12π (1)

15π (2)

18π (3)

24π (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 104 Question Id : 3944843645 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 metallic right circular cones with same base with the radius 2.1 cm, and height

4.1 cm and 4.3 cm, have been melted and recast into a sphere. The surface area (in

sq.cm) of that sphere is

(1) 49.82

(2) 51.64

(3) 55.44

(4) 56.84

دو آہنی سرکلر کے کونس جو مساوی بنیاد پر قائم ہیں نصف قطر 2.1 cm اور اونچائی 4.1 cm

4.3 cm ہیں تو پگھلادیا جائے تو اس کا سطح رقبہ (sq.cm) میں کیا ہوگا۔

49.82 (1)

51.64 (2)

55.44 (3)

56.84 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 105 Question Id : 3944843646 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 ratio of the curved surface area and the total surface area of a right circular cylinder is 1 : 2. If its total surface area is 616 sq.cm., then the volume (in cm^3) of that cylinder is

    (1) 1240

    (2) 1078

    (3) 1028

    (4) 976

ایک سرکلر کی نسبت کارقبہ اور جملہ سرکلر کارقبہ 2 : 1 ہے اگر جملہ سطحی رقبہ 616 ہو تو cylinder کا حجم (cms) میں معلوم کرو۔

1240 (1)

1078 (2)

1028 (3)

976 (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 106 Question Id : 3944843647 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 four circular plates of radius 5 cm are placed such that each plate touches two

other. Then the area of the hallow space between them, in cm², is (take $\pi = \frac{22}{7}$)

(1) 21.43

(2) 78.57

(3) 39.28

(4) 60.7

اگر 5 cm کے نصف قطر کے 4 سر کلرس کو اس طرح سے ترتیب دیا جائے کہ ہر plate دوسرے دو

plates کو مس کرتی ہو تب ان میں خالی جگہوں کے درمیان معلق رقبہ (take $\pi = \frac{22}{7}$) محسوب

کرو۔

21.43 (1)

78.57 (2)

39.28 (3)

60.7 (4)

Options :

1. ✔ 1
2. ✘ 2
3. ✘ 3
4. ✘ 4

Question Number : 107 Question Id : 3944843648 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 window is in the shape of a rectangle and mounted by a semi circle. If the length of the rectangle is 150 cm and the breadth of the rectangle on which the semi circular part stands is 70 cm. Then the area of the window, in sq.cm. is (take $\pi = \frac{22}{7}$)

(1) 10,500

(2) 14,350

(3) 12,425

(4) 18,200

ایک window ایک مثلث کی شکل میں ہے اگر مثلث کی لمبائی 150 سنٹی میٹرس ہو اور اس مثلث

کی چوڑائی 70 سنٹی میٹرس ہو تو تب اس window کا رقبہ sq.cm میں ہے (take $\pi = \frac{22}{7}$)

10,500 (1)

14,350 (2)

12,425 (3)

18,200 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 108 Question Id : 3944843649 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 cylindrical vessel of radius 10 cm contains water up to a depth of 25 cm. A spherical iron ball is dropped into the vessel and the level of water is raised by 45 cm. The radius of the iron ball (in cms) is

(1) 12

(2) 15

(3) 16

(4) 18

<div dir="rtl">

پانی کے ایک گھڑے کا قطر 10 سنٹی میٹرس ہے اور اس میں 25 سنٹی میٹرس گہرائی تک پانی رہتا ہے۔ ایک spherical iron ball اس گھڑے میں ڈال دیا جائے تب پانی کی سطح بڑھ کر 45 سنٹی میٹرس ہوتی ہے تب اس iron ball کا قطر سنٹی میٹرس میں معلوم کرو۔

12 (1)

15 (2)

16 (3)

18 (4)

</div>

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 109 Question Id : 3944843650 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

<div dir="rtl">

حسابی قابلیت

</div>

$(102)_3 + (103)_4 =$

(1) $(11100)_2$

(2) $(11110)_2$

(3) $(10110)_2$

(4) $(11001)_2$

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 110 Question Id : 3944843651 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

Let $m \in z^+$ be such that m $\equiv$ 29 (mod 72). If $m \equiv r$ (mod 12) and $0 \le r < 12$,

then $\frac{r!}{12} =$

(1) 5

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

(3) 10

(4) $\frac{5}{12}$

<div dir="rtl">

اوپر دی ہوئی مساوات میں .m $\equiv$ 29 (mod 72) , ' $0 \le r < 12$ تب

$m \equiv r$ (mod 12) مساوی ہوتا ہے۔ تو $\frac{r!}{12} =$

</div>

5 (1)

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

10 (3)

$\frac{5}{12}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number :   2
Sub-Section Id :   394484369
Question Shuffling Allowed :   Yes

Question Number : 111 Question Id : 3944843652 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

Which one of the following implications is false?

(1) $if\ 3 + 2 = 5\ then\ 1\ X\ 0 = 0$

(2) $if\ 3\ X\ 6 = 20\ then\ 2 + 7 = 9$

(3) $if\ 5\ X\ 7 = 30,\ then\ 2 \div 1 = 2$

(4) $if\ 6\ X\ 7 = 42\ then\ 6 \div 2 = 4$

حسب ذیل میں کونسے مساوات غلط ہیں معلوم کرو۔

$if\ 3 + 2 = 5\ then\ 1\ X\ 0 = 0\ (1)$

$3 + 2 = 5$ تب $1\ X\ 0 = 0$

$if\ 3\ X\ 6 = 20\ then\ 2 + 7 = 9\ (2)$

$3\ X\ 6 = 20$ تب $2 + 7 = 9$

$if\ 5\ X\ 7 = 30,\ then\ 2 + 1 = 2\ (3)$

$5\ X\ 7 = 30$ تب $2 + 1 = 2$

$if\ 6\ X\ 7 = 42\ then\ 6 + 2 = 4\ (4)$

$6\ X\ 7 = 42$ تب $6 + 2 = 4$

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 112 Question Id : 3944843653 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The inverse of the statement $(p \wedge q) \rightarrow (q - r)$

(1) $p \wedge (q \rightarrow r)$

(2) $r \wedge (p \rightarrow q)$

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

(4) $r \wedge (q \rightarrow p)$

حسب ذیل بیان کو الٹا کر دیا جائے $(p \wedge q) \rightarrow (q - r)$ تب مساوات ذیل کیا ہو گی۔

$p \wedge (q \rightarrow r)$ (1)

$r \wedge (p \rightarrow q)$ (2)

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

$r \wedge (q \rightarrow p)$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 113 Question Id : 3944843654 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

Let N denote the set of natural numbers. Define

A = { x | x = 4n, n ∈ N} and   B = { x | x = 6n, n ∈ N } then A ∩ B =

(1) { x | x = 24n,   n∈ N}

(2) { x | x = 12n; n ∈ N }

(3) { x | x = 2n; n ∈ N }

(4) The empty set

اگر N کو natural numbers کا ایک سیٹ فرض کر لیا جائے۔ تب

A ∩ B = تب B = { x | x = 6n, n ∈ N } اور A = { x | x = 4n, n ∈ N}

{ x | x = 24n,   n∈ N} (1)

{ x | x = 12n; n ∈ N } (2)

{ x | x = 2n; n ∈ N } (3)

خالی سیٹ   (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 114 Question Id : 3944843655 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If A = {p, q, r, s} then a relation on A, which is not transitive among the following?

(1) $\theta1 = \{(p,q),(q,s),(p,s)\}$

(2) $\theta2 = \{(p,p),(q,q),(r,r)\}$

(3) $\theta3 = \{(p,q),(q,p),(p,p)\}$

(4) $\theta4 = \{(p,q),(r,s)\}$

اگر A = {p, q, r, s}   تب A پر اس کا رشتہ کیا ہوگا۔

$\theta1 = \{(p,q),(q,s),(p,s)\}$ (1)

$\theta2 = \{(p,p),(q,q),(r,r)\}$ (2)

$\theta3 = \{(p,q),(q,p),(p,p)\}$ (3)

$\theta4 = \{(p,q),(r,s)\}$ (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 115 Question Id : 3944843656 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If a set A has 6 elements, then the number of reflexive relations on A that are not symmetric is

(1) $2^{36} - 2^6$

(2) $2^{30} - 2^{15}$

(3) $2^{30} - 2^{21}$

(4) 2^{21}

اگر A set کے 6 اجزاہیں تب A پر مرتب ہونے والے اعداد کیا ہوں گے۔

$2^{36} - 2^6$ (1)

$2^{30} - 2^{15}$ (2)

$2^{30} - 2^{21}$ (3)

2^{21} (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 116 Question Id : 3944843657 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The equation of a line passing through the points (2, 5) and (4, 7) is

(1) $2x - 3y - 7 = 0$

(2) $3x + 2y + 7 = 0$

(3) $x - y + 3 = 0$

(4) $x + y + 3 = 0$

حسب ذیل مساوات کو حل کرو۔ مساوات کو ظاہر کرنے والے خطوط (5 ,2) اور (4, 7) ہوں تو مساوات کیا ہوگی۔

$2x - 3y - 7 = 0$ (1)

$3x + 2y + 7 = 0$ (2)

$x - y + 3 = 0$ (3)

$x + y + 3 = 0$ (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 117 Question Id : 3944843658 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

An equation of a line passing through (4, 3) and making intercepts on coordinate

axes whose sum is equal to -1 is

(1) $x - y - 1 = 0$

(2) $x + 3y - 13 = 0$

(3) $2x - y - 5 = 0$

(4) $x - 2y + 2 = 0$

ایک مساوات جو گزرتی ہوئی (4, 3)اور coordinate axes کو قطع کرتی ہے اور جس کی مقدار 1-

کے برابر ہے تو وہ مقدار کیا ہو گی۔

$x - y - 1 = 0$ (1)

$x + 3y - 13 = 0$ (2)

$2x - y - 5 = 0$ (3)

$x - 2y + 2 = 0$ (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 118 Question Id : 3944843659 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

$\sec\theta + \tan\theta =$

(1) $\cos\theta + \sin\theta$

(2) $\dfrac{1}{\sec\theta - \tan\theta}$

(3) $\dfrac{1}{\sec\theta + \tan\theta}$

(4) $\cos\theta - \sin\theta$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 119 Question Id : 3944843660 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

$sin12^0 sin24^0 sin48^0 sin84^0 =$

(1) $\frac{1}{16}$

(2) $\frac{2}{15}$

(3) $\frac{3}{15}$

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

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 120 Question Id : 3944843661 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If A + C = B, then tan A. tan B. tan C =

(1) tan A – tan B – tan C

(2) tan B – tan C – tan A

(3) tan C – tan A – tan B

(4) tan A + tan B + tan C

A + C = B, then tan A. tan B. tan C =

tan A – tan B – tan C (1)

tan B – tan C – tan A (2)

tan C – tan A – tan B (3)

tan A + tan B + tan C (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 121 Question Id : 3944843662 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

A straight high way leads to the foot of a tower. Anil standing at the top of the tower observes a car at an angle of depression 30^0. Six seconds later, the angle of depression of the car is found to be 60^0. If the car is approaching the foot of tower with a uniform speed, the time taken by the car to reach the foot of that tower from this, the later point (in seconds) is

(1) 2

(2) 3

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

(4) 4

ایک سیدھی سڑک ایک ٹور کو مس کرتی ہے۔ انیل جو مینار کے اوپر کھڑا ہوا ہے یہ محسوس کرتا ہے کہ ایک کار کا ایک زاویہ 30^0 depression - لیکن سکنڈ 6 کے بعد اس کار کا زاویہ depression - 60^0 ہو جاتا ہے۔ اگر کار یکساں رفتار کے ساتھ ٹور کو مس کرتی ہے۔ تو اس صورت میں ٹور کو Touch کرنے کے لئے کار کو کتنا وقت درکار ہوتا ہے۔

(1) 2

(2) 3

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

(4) 4

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 122 Question Id : 3944843663 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $a + b + c = 15$ and $a^2 + b^2 + c^2 = 77$ then $ab + bc + ca$ =

(1) 85

(2) 81

(3) 72

(4) 74

$ab + bc + ca = $ نب $a + b + c = 15$ تب $a^2 + b^2 + c^2 = 77$

85 (1)

81 (2)

72 (3)

74 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 123 Question Id : 3944843664 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $x^4 + 6x^3 + ax^2 + 12x + b$ is a perfect square, then $3a - 2b =$

(1) 47

(2) 19

(3) 31

(4) 28

اگر $x^4 + 6x^3 + ax^2 + 12x + b$ ایک مکمل square ہو تو تب

$$3a - 2b \ =$$

47 (5)

19 (6)

31 (7)

28 (8)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 124 Question Id : 3944843665 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If the remainder when a certain integer x is divided by 5 is 2, then each one of the

following could also be an integer, except

(1) $\frac{x}{11}$

(2) $\frac{x}{10}$

(3) $\frac{x}{6}$

(4) $\frac{x}{3}$

اگر کسر کا باقی جب کہ ایک integer x کو 5 سے تقسیم کیا جائے تو 2 ہوتا ہے۔ تو ان میں سے حسب

ذیل سے ہر integer ہوگا سوائے ایک کے۔

$\frac{x}{11}$ (1)

$\frac{x}{10}$ (2)

$\frac{x}{6}$ (3)

$\frac{x}{3}$ (4)

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 125 Question Id : 3944843666 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The remainder if 73 x 74 x 75 x 76 is divided by 14 is

(1) 13

(2) 12

(3) 10

(4) 9

اگر باقی 76 x 75 x 74 x 73 کو 14 سے اگر تقسیم کیا جائے تو...

13 (1)

12 (2)

10 (3)

9 (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 126 Question Id : 3944843667 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If $\frac{4}{x+y} + \frac{3}{x-y} = 2$, $\frac{8}{x+y} - \frac{1}{x-y} = \frac{1}{2}$, then $(x, y) =$

(1) (-5, -3)

(2) (-3, -5)

(3) (3, 5)

(4) (5, 3)

کیا ہو گا $(x, y) =$ تو $\frac{4}{x+y} + \frac{3}{x-y} = 2$, $\frac{8}{x+y} - \frac{1}{x-y} = \frac{1}{2}$ اگر

(-5, -3) (1)

(-3, -5) (2)

(3, 5) (3)

(5, 3) (4)

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 127 Question Id : 3944843668 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If the difference of $\frac{7}{12}$ th of a positive integer and $\frac{8}{15}$ of the same positive integer is 6,

then the number of distinct primes that divide that positive integer is

(1) 1

(2) 2

(3) 3

(4) 4

positive کا فرق ہو اور $\frac{8}{15}$ وہی مثبت integer کا $\frac{7}{12}$ فرق ہو اور ایک مثبت integer 6 کا فرق ہو تو

integer کو تقسیم کرنے والے primes کی تعداد کیا ہو گی۔

1 (1)

2 (2)

3 (3)

4 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 128 Question Id : 3944843669 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The sum of the infinite G.P. is

$5, \dfrac{20}{7}, \dfrac{80}{49}, \dfrac{320}{343}, \ldots$

(1) $\dfrac{25}{3}$

(2) $\dfrac{35}{3}$

(3) $\dfrac{100}{7}$

(4) $\dfrac{113}{7}$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 129 Question Id : 3944843670 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The sum to infinite terms of a G.P. is 15 and the sum of their squares is 150. If r is

the common ratio of the G.P. , then $100r^2 =$

(1) 4

(2) 8

(3) 12

(4) 16

ایک .G.P کے مقدارا گر 15 ہواور تب square کے مقدار 150 ہو ۔ توتب .G.P.R کا کامن

نسبت ہو توتب $100r^2 =$

4 (1)

8 (2)

12 (3)

16 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 130 Question Id : 3944843671 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The numerically greatest term in the expansion of $(2x - 3y)^{12}$,

when $x = 1$, $y = \frac{5}{3}$ is

(1) 8

(2) 9

(3) 10

(4) 11

<div dir="rtl">

اعدادی اعتبار سے اس سے بڑا عدد, $x = 1$, $y = \frac{5}{3}$ تب $(2x - 3y)^{12}$ تو اس کا حاصل کیا ہوگا۔

</div>

8 (1)

9 (2)

10 (3)

11 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 131 Question Id : 3944843672 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The term independent of x in the expansion of is $\left(3x^3 - \frac{1}{2x^4}\right)^7$

(1) No term is independent of x

(2) 5th term

(3) 4th term

(4) 3rd term

$$\left(3x^3 - \frac{1}{2x^4}\right)^7 \text{ ایک اصطلاح جو } x \text{ کے عدد کو ظاہر کرتی ہے}$$

(1)   وہ عدد x سے آزاد ہوگا

(2) 5th عدد

(3) 4th عدد

(4) 3rd عدد

Options :

1. ✶ 1
2. ✶ 2
3. ✔ 3
4. ✶ 4

Question Number : 132 Question Id : 3944843673 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

A square matrix A is called an orthogonal matrix if A satisfies

(1) $A^T = A$

(2) $A^T = -A$

(3) $A^T = A^{-1}$

(4) $A^T = A^2$

ایک square میٹرس A کو orthogonal matrix کہتے ہیں اگر A حسب ذیل کو مطمئن کرتا

ہے۔

$A^T = A$ (1)

$A^T = -A$ (2)

$A^T = A^{-1}$ (3)

$A^T = A^2$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 133 Question Id : 3944843674 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

A is a 3 x 3 matrix and B is its adjoint matrix. If the determinant of B is 64, then the determinant of A is

(1) 4

(2) ±4

(3) 8

(4) ±8

64 - determinant کا adjoint matrix کا B اور A is a 3 x 3 matrix ایک

determinant A جو کیاہوگا

4 (1)

±4 (2)

8 (3)

±8 (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 134 Question Id : 3944843675 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

$\lim_{x \to \infty}(\sqrt{x^2 + x + 1} - \sqrt{x^2 + 1}) =$

(1) ∞

(2) -1

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

(4) 1

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 135 Question Id : 3944843676 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If $3x^2 + 2xy + y^2 = 6$, then $\frac{dy}{dx}$ at $(-1, 2)$ is

(1) 0

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

(3) 1

(4) $\frac{3}{2}$

اگر $\frac{dy}{dx}$ at تب $3x^2 + 2xy + y^2$ 6 ہے$(-1, 2)$ کی قیمت معلوم کرو۔

0 (1)

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

1 (3)

$\frac{3}{2}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 136 Question Id : 3944843677 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

A right angled triangle is to be constructed such that the sum of lengths of perpendicular sides can't be greater than 24cm and the area is to be maximum. Then the length of hypotenuse (in cm) is

(1) 36

(2) 18

(3) $18\sqrt{2}$

(4) $12\sqrt{2}$

اگر ایک مثلث بنانا مقصود ہو وہ اس طرح کے اس کی اونچائی کا محور کا حصہ 24 سنٹی میٹرس سے زیادہ نہیں ہو سکتا اور اس کا رقبہ زیادہ سے زیادہ ہو۔ hypotenuse کی لمبائی ہوتی ہے۔

36 (1)

18 (2)

$18\sqrt{2}$ (3)

$12\sqrt{2}$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 137 Question Id : 3944843678 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The diagonals of a trapezium PQRS interect at the point A. If the ratio PA : PR is

3 : 7, then the ratio of lengths of its parallel sides is

(1) 3 : 7

(2) 4 : 7

(3) 3 : 4

(4) 2 : 7

ایک منشور کا ایک حصہ PQRS ایک لفظ A پر قطع کرتا ہے اگر نسبت PA : PR اگر 7 : 3 ہو تو تب

متوازن خطوط لمبائی کی نسبت ہوتی ہے۔

3 : 7 (1)

4 : 7 (2)

3 : 4 (3)

2 : 7 (4)

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 138 Question Id : 3944843679 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

Two circles have radii 13cm and 29cm, and the distance between their centres is 15 cm, then the number of common tangents that can be drawn to the two circles is

(1) 0

(2) 1

(3) 2

(4) 4

دوسرے سرکمس کے Radii 13 سنٹی میٹرس اور 29 سنٹی میٹرس ہیں۔ دونوں سرکمس کے درمیان فرق 15 سنٹی میٹرس ہے۔ تب مشترکہ tangents کی تعداد کیا ہو گی۔

0 (1)

1 (2)

2 (3)

4 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 139 Question Id : 3944843680 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

If the points A(3, 2); B(-3, 2) and C(0, h) form the verticies of an equilateral triangle, then one value of h is

A (3, 2); B (-3, 2) C(0, h) $3 - 2\sqrt{3}$

(1) $3 - 3\sqrt{3}$

(2) $2 - 3\sqrt{3}$

(3) $3\sqrt{3}$

(4) $2\sqrt{3}$

اگر نقاط(3, 2)A، (3, 2-)Bاور(C(0, h)سے ایک مثلث کے زاویوں کی تکمیل کرتے ہوں تو
h کی قیمت کیا ہوگی۔

$3 - 3\sqrt{3}$ (1)

$2 - 3\sqrt{3}$ (2)

$3\sqrt{3}$ (3)

$2\sqrt{3}$ (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 140 Question Id : 3944843681 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

The distance of point (a, b) to the line $\alpha x + \beta y + \gamma = 0$ is

(1) $\left| \dfrac{a+b}{\sqrt{\alpha^2+\beta^2}} \right|$

(2) $\left| \dfrac{\alpha+\beta}{\sqrt{a^2+b^2}} \right|$

(3) $\left| \dfrac{a\alpha+b\beta+\gamma}{\sqrt{\alpha^2+\beta^2}} \right|$

(4) $\left| \dfrac{a\alpha+b\beta+\gamma}{\sqrt{a^2+b^2}} \right|$

نقاط میں اگر فرق (a, b) to the line $\alpha x + \beta y + \gamma = 0$ اس کا پھیلاؤ کیا ہوتا ہے۔

$\left| \dfrac{a+b}{\sqrt{\alpha^2+\beta^2}} \right|$ (1)

$\left| \dfrac{\alpha+\beta}{\sqrt{a^2+b^2}} \right|$ (2)

$\left| \dfrac{a\alpha+b\beta+\gamma}{\sqrt{\alpha^2+\beta^2}} \right|$ (3)

$\left| \dfrac{a\alpha+b\beta+\gamma}{\sqrt{a^2+b^2}} \right|$ (4)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number : 3

Sub-Section Id : 394484370

Question Shuffling Allowed : Yes

Question Number : 141 Question Id : 3944843682 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

The mean of the following frequency distribution is

Class	0-4	4-8	8-12	12-16	16-20
Frequency	4	6	7	2	1

(1) 6

(2) 8

(3) 10

(4) 12

ایک distribution کااوسط حسب ذیل ہے۔

Class	0-4	4-8	8-12	12-16	16-20
Frequency	4	6	7	2	1

6 (1)

8 (2)

10 (3)

12 (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 142 Question Id : 3944843683 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

Which one of the following is NOT true?

(1) Mode is not affected by change of origin and scale.

(2) Mean is affected by change of origin and scale.

(3) Median is affected by change of origin and scale.

(4) Standard deviation is not affected by change of origin and scale.

حسب ذیل میں سے کونسا صحیح نہیں ہے۔

(1) پیمانے اور مبدا کی تبدیل سے Mode متاثر نہیں ہوتا۔

(2) پیمانہ اور مبدا کی تبدیلی سے اوسط حسابیہ پر اثر پڑتا ہے۔

(3) پیمانہ اور مبدا کی تبدیلی سے وسطانیہ پر اثر پڑتا ہے۔

(4) پیمانہ اور مبدا کی تبدیلی سے S.D پر اثر نہیں پڑتا۔

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 143 Question Id : 3944843684 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

If the mean and Mode of a data are 97 and 100 respectively, then the Median is

(1) 97

(2) 98

(3) 99

(4) 101

ایک موادکااوسط اور Mode ترتیب وار 97اور100ہو تو۔اس کا Median کیاہوگا۔

97 (1)

98 (2)

99 (3)

101 (4)

Options :
1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 144 Question Id : 3944843685 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

The variance of 147, 149, 151, 153, … , 183 is

(1) 120

(2) 90

(3) 60

(4) 30

147، 149، 151، 153، .... ، 183 حسب ذیل معلومات سے اس کا variance کیا ہوتا ہے معلوم کرو۔

120 (1)

90 (2)

60 (3)

30 (4)

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 145 Question Id : 3944843686 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

The standard deviation of three consecutive integers is

(1) $\sqrt{3}$

(2) $\sqrt{\dfrac{3}{2}}$

(3) $\sqrt{\dfrac{2}{3}}$

(4) $\sqrt{2}$

<div dir="rtl">

حسب ذیل سے S.D معلوم کرو۔

$\sqrt{3}$ (1)

$\sqrt{\dfrac{3}{2}}$ (2)

$\sqrt{\dfrac{2}{3}}$ (3)

$\sqrt{2}$ (4)

</div>

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 146 Question Id : 3944843687 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

<div dir="rtl">

شماریاتی قابلیت

</div>

The rank correlation for the following data is

X	2	4	5	6	8	11
Y	18	12	10	8	7	5

(1) -1

(2) 0.96

(3) 0.93

(4) 1

حسبِ ذیل سے rank correlation معلوم کرو ۔

X	2	4	5	6	8	11
Y	18	12	10	8	7	5

-1 (1)

0.96 (2)

0.93 (3)

1 (4)

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 147 Question Id : 3944843688 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

If A and B are events with P(A) = 0.5, P (B) = 0.4 and P(A∩B) = 0.3, then the probability that neither A nor B occurs is

(1) 0.4

(2) 0.6

(3) 0.5

(4) 0.3

If A and B are events with P(A) = 0.5, P (B) = 0.4 and P(A∩B) = 0.3, then the probability that neither A nor B occurs is

حسب ذیل سے probability معلوم کرو ۔

0.4 (1)

0.6 (2)

0.5 (3)

0.3 (4)

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 148 Question Id : 3944843689 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

A problem in statistics is given to three students A, B and C whose chances of solving it independently are $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ respectively. The probability that exactly one of them is able to solve that problem is

(1) $\frac{11}{24}$

(2) $\frac{9}{24}$

(3) $\frac{7}{24}$

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

شماریات سے متعلق ایک سوال تین طلبا کو A,B,C دیا گیا جن کے حل کرنے کے مواقع $\frac{1}{2}$, $\frac{1}{3}$ اور $\frac{1}{4}$ ہیں ان میں سے کونسا طالب علم صحیح طور پر اس سوال کو حل کر سکے گا۔

(1) $\frac{11}{24}$

(2) $\frac{9}{24}$

(3) $\frac{7}{24}$

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

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 149 Question Id : 3944843690 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

In a simultaneous throw of two dice, the probability of getting a total of 10 or 11 is

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

(2) $\frac{5}{36}$

(3) $\frac{7}{12}$

(4) $\frac{1}{36}$

دو dice کو یکساں طور پر پھینکا گیا تو ان میں 10 یا 11 حاصل کرنے کے مواقع کیا ہیں۔

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

$\frac{5}{36}$ (2)

$\frac{7}{12}$ (3)

$\frac{1}{36}$ (4)

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 150 Question Id : 3944843691 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

If the letters of the word MINISTER are permuted at random, then the probability that all three vowels come together is

(1) $\frac{3}{56}$

(2) $\frac{3}{28}$

(3) $\frac{3}{14}$

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

اگر لفظ MINISTER کو random طور پر permuted کیا گیا لہذا تین vowels حاصل کرنے probability کیا ہوگی۔

$\frac{3}{56}$ (1)

$\frac{3}{28}$ (2)

$\frac{3}{14}$ (3)

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

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Communication Ability

Section Id :	39448454
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	38
Number of Questions to be attempted :	38
Section Marks :	50
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	394484371
Question Shuffling Allowed :	Yes

Question Number : 151 Question Id : 3944843692 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 /Phrase / Verb / Preposition

Importune

(1) Urge
(2) Poor
(3) Indecisive
(4) Important

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 152 Question Id : 3944843693 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 /Phrase / Verb / Preposition

Mercurial

(1) Forgetful
(2) Changeable
(3) Chemical
(4) Weather

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 153 Question Id : 3944843694 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 /Phrase / Verb / Preposition

Egress

    (1) Short cut
    (2) Entrance
    (3) Backwards
    (4) Exit

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 154 Question Id : 3944843695 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 /Phrase / Verb / Preposition

Shambles

    (1) Bubble
    (2) Confusion
    (3) Trouble
    (4) Cuddle

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 155 Question Id : 3944843696 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 /Phrase / Verb / Preposition

Belligerent

    (1) Aggressive
    (2) Mournful
    (3) Longing
    (4) Cheerful

Options :

1. ✔ 1

2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 156 Question Id : 3944843697 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 /Phrase / Verb / Preposition

Circumvent

    (1) Encompass
    (2) Invent
    (3) Prevent
    (4) Convert

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Sub-Section Number :	2
Sub-Section Id :	394484372
Question Shuffling Allowed :	Yes

Question Number : 157 Question Id : 3944843698 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 /Phrase / Verb / Preposition

The ongoing festivities ___ the peace of the neighbourhood

    (1) Distracted
    (2) Deferred
    (3) Disturbed
    (4) Distressed

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 158 Question Id : 3944843699 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 /Phrase / Verb / Preposition

Swarna has a _____ for science, while her brother is more interested in the arts.

(1) Tenet
(2) Geniality
(3) Resonance
(4) Penchant

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 159 Question Id : 3944843700 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 /Phrase / Verb / Preposition

He knows many languages. He is a _____ .

(1) Polytheist
(2) Polygamist
(3) Polyphonist
(4) Polyglot

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 160 Question Id : 3944843701 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 /Phrase / Verb / Preposition

Netizens decried the _____ with which the government doctor treated the patients.

  (1) Compassion
  (2) Complaisance
  (3) Hunger
  (4) Callousness

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Sub-Section Number : 3

Sub-Section Id : 394484373

Question Shuffling Allowed : Yes

Question Number : 161 Question Id : 3944843702 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 /Phrase / Verb / Preposition

A small piece of semiconductor used to carry integrated circuits is known as _____.

  (1) Micro computer
  (2) Microchip
  (3) Microdot
  (4) Microfilm

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 162 Question Id : 3944843703 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 /Phrase / Verb / Preposition

To obtain or retrieve information from a storage device is known as _____.

   (1) Access
   (2) Adapter
   (3) Add-on
   (4) Address

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 163 Question Id : 3944843704 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 /Phrase / Verb / Preposition

Inventor of daisy wheel printer is _____.

   (1) Andrew Marvel
   (2) Joseph Edison
   (3) William Caxton
   (4) David S Lee

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 164 Question Id : 3944843705 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 /Phrase / Verb / Preposition

A socket on a computer into which an external device can be plugged in is known as _____.

    (1) Point
    (2) Port
    (3) Pointer
    (4) Post

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 165 Question Id : 3944843706 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 /Phrase / Verb / Preposition

ASCII is expanded as _____.

    (1) Australian Standard Computing International Interchange
    (2) American Software Computer Interlining Interface
    (3) American Standard Code for Information Interchange
    (4) Automatic Standard Code for Information Initiative

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 166 Question Id : 3944843707 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 /Phrase / Verb / Preposition

Analysing and solving serious problem for a company or organisation is called _____.

    (1) Arbitrating
    (2) Trouble shooting
    (3) Trouble making
    (4) Mediating

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 167 Question Id : 3944843708 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 /Phrase / Verb / Preposition

Encryption is being used primarily with _____.

 (1) Transaction entry
 (2) Computer processing
 (3) Data communication
 (4) File retention.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 168 Question Id : 3944843709 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 /Phrase / Verb / Preposition

A Model in which one physical property is used to represent another physical property is known as _____

 (1) Analog Model
 (2) Deterministic Model
 (3) Iconic Model
 (4) Decision Theory Model

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 169 Question Id : 3944843710 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 /Phrase / Verb / Preposition

_____ is not a peripheral of a computer.

(1) Keyboard
(2) CPU
(3) Printer
(4) Scanner

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 170 Question Id : 3944843711 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 /Phrase / Verb / Preposition

_____ is a trade test.

(1) Interview
(2) Interest test
(3) Aptitude test
(4) Achievement test

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Sub-Section Number : 4
Sub-Section Id : 394484374
Question Shuffling Allowed : Yes

Question Number : 171 Question Id : 3944843712 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 /Phrase / Verb / Preposition

A: After finishing your Marine Engineering degree course, what do you think you'll do?

B: It is difficult for me to answer for I'm quite at sea

In this conversation B implies that he is

    (1) Unwell
    (2) Displeased
    (3) Perplexed
    (4) In danger

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 172 Question Id : 3944843713 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 /Phrase / Verb / Preposition

PT Usha bore away the gold medals in all track events.

The underlined phrasal verb means:

    (1) Sustained
    (2) Won
    (3) Missed
    (4) Narrowly missed

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 173 Question Id : 3944843714 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 /Phrase / Verb / Preposition

Our new office is equipped with all the latest gadgets. What is the meaning of 'equip with' ?

(1) provide
(2) get rid of
(3) spoil
(4) tamper

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 174 Question Id : 3944843715 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 /Phrase / Verb / Preposition

A: The people in the organisation were bent upon exhibiting their superiority.

B: Multiplicity of leadership gives way to decline.

A: True, too many cooks spoil the broth.

'A' means that

(1) There should not be more than one cook in the kitchen
(2) Many cooks made better gruel
(3) No organisation can afford too many bosses
(4) An organisation thrives on contrary opinions

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 175 Question Id : 3944843716 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Choose the correct word/Correct Meaning of the Word/Fill in the Blanks with correct word /Phrase / Verb / Preposition

With Ramana's new venture failing completely, he is <u>down in the dumps.</u>

The underlined expression means, Ramana

    (1) Fell from grace
    (2) Packed up
    (3) Is bed-ridden
    (4) Appeared miserable

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 176 Question Id : 3944843717 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 /Phrase / Verb / Preposition

A rough and clumsy person is considered

    (1) A horse in a French shop
    (2) A dog in the mall
    (3) An elephant in a German store
    (4) A bull in a China shop

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 177 Question Id : 3944843718 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 /Phrase / Verb / Preposition

The authorities took him to task for his negligence.

The underlined expression means

(1) Reprimanded him
(2) Forced him to resign
(3) Gave him additional work
(4) Suspended his assignment

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :	5
Sub-Section Id :	394484375
Question Shuffling Allowed :	Yes

Question Number : 178 Question Id : 3944843719 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 /Phrase / Verb / Preposition

He has been writing a letter _____ three hours.

(1) Since
(2) By
(3) For
(4) At

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 179 Question Id : 3944843720 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 /Phrase / Verb / Preposition

I will go home _____ the end of the movie

(1) In
(2) At
(3) On
(4) About

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 180 Question Id : 3944843721 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 /Phrase / Verb / Preposition

The noise interferes _____ my work

(1) With
(2) At
(3) In
(4) On

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 181 Question Id : 3944843722 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 /Phrase / Verb / Preposition

I saw him as I _____ down the lane

    (1) Go
    (2) Going
    (3) Was going
    (4) Is going

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 182 Question Id : 3944843723 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 /Phrase / Verb / Preposition

He seems to be _____. I saw him in an expensive suit.

    (1) Better off
    (2) Well of
    (3) Best off
    (4) Well off

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 183 Question Id : 3944843724 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 /Phrase / Verb / Preposition

He has _____ as CEO of the organization very recently

    (1) Taken off
    (2) Taken over
    (3) Taken up
    (4) Taken in

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 184 Question Id : 3944843725 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 /Phrase / Verb / Preposition

Thanks to the good food in hostel. Raju _____ some weight.

    (1) Put on
    (2) Put up
    (3) Put up with
    (4) Put down

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 185 Question Id : 3944843726 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 /Phrase / Verb / Preposition

We _____ the matter for an hour but without any result.

    (1) Talked out of
    (2) Talked over
    (3) Talked back
    (4) Talked down

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Sub-Section Number :   6

Question Id : 3944843727 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (186 to 190)

Read the following passage and answer questions

Patriotism is a very complex feeling, built up out of primitive instincts and highly intellectual convictions. There is love of home, family and friends, making us peculiarly anxious to preserve our own country from invasion. There is the mild instinctive liking for compatriots as against foreigners. There is pride which is bound up with the success of community to which we feel that we belong. There is a belief, suggested by pride but reinforced by history that one's own nation represents a great tradition and stands for ideals that are important for human race. But besides all these, there is another element, at once nobler and more open to attack, an element of worship, of willing sacrifice, of joyful merging of the individual life with the life of the nation. This religious element in patriotism is essential to the strength of the State since it enlists the best that is in most men on the side of national sacrifice.

Sub questions

Question Number : 186 Question Id : 3944843728 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

We try to protect our country because?

    (1) We love our home, family and friends
    (2) We love outsiders
    (3) We love outsiders as much as we love ourselves
    (4) We think outsiders as our own

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 187 Question Id : 3944843729 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The word 'compatriot' means

    (1) Fellow countrymen
    (2) Fellow human beings
    (3) Fellow villagers
    (4) Fellow townsmen

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 188 Question Id : 3944843730 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 patriotism is false according to the passage?

(1) It is a noble belief
(2) It expects sacrifice
(3) It is an invulnerable idea
(4) It is essential for the strength of the State

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 189 Question Id : 3944843731 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The attitudes of the speaker of the passage is?

(1) Satirical
(2) Analytical
(3) Persuasive
(4) Disapproving

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 190 Question Id : 3944843732 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 is false?

(1) We often like our countrymen than others.
(2) There is a religious element in patriotism.
(3) Our patriotism is directly linked to the success of our country.
(4) We believe that all nations epitomize ideals that are important for human race.

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Sub-Section Number :	7
Sub-Section Id :	394484377
Question Shuffling Allowed :	Yes

Question Id : 3944843733 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (191 to 195)

Read the following passage and answer questions

A Study found that music therapy sessions have a positive effect on the neurorehabilitation of acute stroke patients. The research was carried out on a 26-bed stroke and rehabilitation unit at a hospital in the UK. In total, 177 patients took part in 675 Neurologic Music Therapy (NMT) sessions over a two-year period. According to the researchers, music therapy is understood to help stroke patients through mood regulation, improved concentration, and promoting changes in the brain to improve function, known as neural reorganisation. Lots of repetition or "massed practice", is central to neurorehabilitation. In addition to playing physical instruments (keyboard, drums and hand-held percussion), touch screen instruments were used in the trial to help patients with hand rehabilitation, through improving finger dexterity, and cognitive training.

NMT sessions were run alongside existing stroke rehabilitation treatment, including physiotherapy, occupational therapy, speech therapy, and clinical psychology. Of the 139 patients, relatives and hospital staff who completed mood-scale questionnaires, the average response was that NMT was helpful or very helpful. And of the 52 patients who completed mood-scale questionnaires, there was a reduction in sadness and an increase in happy responses immediately following a session. Speech and language therapists observed a positive impact on patient engagement and reported that it may help patients overcome low mood and fatigue – both common following stroke – and therefore be beneficial for their rehabilitation.

"The fact 675 sessions were carried out in two years is in itself an indication of the success of the treatment. It shows that staff are referring patients because they understand the mechanisms of the exercise and can see how it can benefit their patients. It also shows that patients are willing to do the exercises, with each one participating in an average of five sessions", a researcher said.

Sub questions

Question Number : 191 Question Id : 3944843734 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What was the duration of the research experiment?

   (1) 26 weeks
   (2) One year and eight months
   (3) Two years
   (4) Five years

Options :
1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 192 Question Id : 3944843735 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 sessions of the therapy were carried out?

    (1) 52
    (2) 675
    (3) 177
    (4) 139

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 193 Question Id : 3944843736 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 central to the rehabilitation process?

    (1) Repetition
    (2) Mood swings
    (3) Happy responses
    (4) Finger dexterity

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 194 Question Id : 3944843737 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 patients respond to the mood-scale questionnaires?

    (1) 177
    (2) 26
    (3) 139
    (4) 52

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 195 Question Id : 3944843738 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which fact is not mentioned as evidence of the success of the research?

(1) More patients were being referred
(2) More patients were willing to do the exercises
(3) Each patient did the exercises without fatigue
(4) Each patient took part in an average of 5 sessions

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Sub-Section Number :	8
Sub-Section Id :	394484378
Question Shuffling Allowed :	Yes

Question Id : 3944843739 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (196 to 200)

Read the following passage and answer questions

Thailand brings to mind turquoise blue waters, highest landscapes, and thriving wildlife. My journey began at Don Muong airport as I took the flight to Phuket.

The first day had me travelling to Big Buddha, one of the revered landmarks on the island. It sits atop a hill and is a 45-meter-tall white marble statue of Buddha. Driving up hill I came across an elephant safari and opted not to do the ride for ethical reasons but you could go feed the elephants, play with them and that truly was out of the world. The elephants were tamed and did the sweetest actions like kissing the tourists, asking for food and I would like to believe that they did it of their own accord. The elephant I met was called Anda and he was a baby, terribly cute and his mannerisms were unlike any animals I have seen. The route is dotted with many cafes that have a spectacular view of the ocean and a nice mocktail coupled with the cold breeze and the sounds of waves was a beautiful way to spend the afternoon.

Phuket was all about exploring beaches and the best part is that it is so close to the many other islands that are just a boat trip away. I decided to go on an island-hopping adventure and took a speed boat to the first island, Panak. In one of the many islands on Phang Nga Bay the resort owner told me that the experience would be like no other.

The island had limestone formations and looked absolutely stunning. We had to take a look at the island from the boat. As the boat went close to the rocks, I observed something moving in the water, it jumped back on to the rock. It was a monkey. The island had monkeys around that very simply jumped into the water, swam and come back on the rocks. For someone who encountered monkeys in the wild as notorious little animals that mostly live on trees, this was pretty fascinating. It wasn't the monkeys but the landscape they lived in that had us, many Indians included, in awe.

Sub questions

Question Number : 196 Question Id : 3944843740 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What was the name of the first island on the island-hopping trip?

   (1) Phuket
   (2) Don Muong
   (3) Phang Nga
   (4) Panak

Options :
1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 197 Question Id : 3944843741 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Where, according to the writer, should one spend one's afternoons?

    (1) In a boat
    (2) At a café
    (3) On a hill
    (4) At the beach

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 198 Question Id : 3944843742 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What was the Big Buddha made of?

    (1) Marble
    (2) Stone
    (3) Metal
    (4) Wood

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 199 Question Id : 3944843743 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The unusual feature the writer noticed during the boat trip was _____

    (1) Man-made rock formations
    (2) People on peaceful beaches
    (3) Monkeys
    (4) Colourful view of the ocean

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3

4. ✖ 4

Question Number : 200 Question Id : 3944843744 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Why did the writer decide not to undertake the elephant ride?

    (1) The writer preferred to stay far away from all animals
    (2) The writer played with them from a distance
    (3) The writer wanted to watch the tourists feeding them
    (4) The writer did not approve of the taming of the elephants

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4