

National Testing Agency

Question Paper Name :	B ARCH 28th Jan 2023 Shift 2
Subject Name :	B ARCH
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B ARCH

Group Number :	1
Group Id :	71550529
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Mathematics Section A

Section Id :	715505159
Section Number :	1

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505159
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 7155052569 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let R_1 and R_2 be two relations on \mathbb{R}^2 defined as

(a, b) R_1 (c, d) if $ad - bc \geq 0$

(a, b) R_2 (c, d) if $a + d \geq b + c$. Then :

Options :

7155058081. R_1 is transitive but R_2 is not transitive

7155058082. R_2 is transitive but R_1 is not transitive

7155058083. Both R_1 and R_2 are transitive

7155058084. Neither R_1 nor R_2 is transitive

Question Number : 1 Question Id : 7155052569 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ R^2 پر دو رشتے R_1 اور R_2 اس طرح بیان کئے گئے ہیں کہ

$$ad - bc \geq 0 \text{ اگر } (a, b) R_1 (c, d)$$

$$a + d \geq b + c \text{ اگر } (a, b) R_2 (c, d)$$

Options :

7155058081. R_1 ایک انتقالی ہے لیکن R_2 ایک انتقالی نہیں ہے۔

7155058082. R_2 ایک انتقالی ہے لیکن R_1 ایک انتقالی نہیں ہے۔

7155058083. R_1 اور R_2 دونوں انتقالی ہیں۔

7155058084. نہ تو R_1 اور نہ ہی R_2 انتقالی ہے۔

Question Number : 2 Question Id : 7155052570 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let α and β be the roots of $x^2 - 3x + 9 = 0$. Then $\left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}} \right)^2$ is equal to

Options :

7155058085. 1

7155058086. $\frac{1}{9}$

7155058087. 3

7155058088. 9

Question Number : 2 Question Id : 7155052570 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ a اور b کثیررکنی $x^2 - 3x + 9 = 0$ کے مختلف جذر ہیں،

$$: \text{ ہے } \left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}} \right)^2 \text{ تب}$$

Options :

7155058085. 1

7155058086. $\frac{1}{9}$

7155058087. 3

7155058088. 9

Question Number : 3 Question Id : 7155052571 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

For $z = 2 + 5i$, the modulus of $2z^3 + 21z^2 - 58z + 4$ is :

Options :

7155058089. 1153

7155058090. 947

7155058091. 537

7155058092. 837

Question Number : 3 Question Id : 7155052571 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

کے لئے $z=2+5i$ کا مقياس (modulus) ہے

Options :

7155058089. 1153

7155058090. 947

7155058091. 537

7155058092. 837

Question Number : 4 Question Id : 7155052572 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If the system of equations

$$Kx - \sqrt{2}y + \sqrt{5}z = \sqrt{7}$$

$$\sqrt{5}x + \sqrt{3}y - \sqrt{2}z = \sqrt{11}$$

$$30x + (3\sqrt{15} - 5\sqrt{6})y + (5\sqrt{15} - 3\sqrt{10})z = 5\sqrt{21} + 3\sqrt{55}$$

has infinitely many solutions, then K^2 is

Options :

7155058093. 27

7155058094. $\frac{1}{3}$

7155058095. 9

7155058096. 3

Question Number : 4 Question Id : 7155052572 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر مساواتوں کے نظام

$$Kx - \sqrt{2}y + \sqrt{5}z = \sqrt{7}$$

$$\sqrt{5}x + \sqrt{3}y - \sqrt{2}z = \sqrt{11}$$

$$30x + (3\sqrt{15} - 5\sqrt{6})y + (5\sqrt{15} - 3\sqrt{10})z = 5\sqrt{21} + 3\sqrt{55}$$

کے لامتناہی حل ہوں، تب K^2 ہے

Options :

7155058093. 27

7155058094. $\frac{1}{3}$

7155058095. 9

7155058096. 3

Question Number : 5 Question Id : 7155052573 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

For $\alpha, \beta \in \mathbb{R}$, if the matrices $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$, $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$ and $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ satisfy the equation

$(A*B)*2I = 20I$, where $*$ is defined as $A*B = A^2 + B^2$, then $|\alpha\beta|$ is equal to :

Options :

7155058097. $2\sqrt{3}$

7155058098. $2\sqrt{2}$

7155058099. 4

7155058100. 2

Question Number : 5 Question Id : 7155052573 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\alpha, \beta \in \mathbb{R}$ کے لئے اگر ماتریس $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$ ، $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$ ، $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ مساوات $(A*B)*2I = 20I$ کو مطمئن کرتی ہیں

جہاں $*$ اس طرح بیان کیا گیا ہے کہ $A*B = A^2 + B^2$ ۔ تب $|\alpha\beta|$ کی قدر ہوگی :

Options :

7155058097. $2\sqrt{3}$

7155058098. $2\sqrt{2}$

7155058099. 4

7155058100. 2

Question Number : 6 Question Id : 7155052574 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The sum of the first eleven terms of the series is $\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$

Options :

7155058101. $\frac{61}{133}$

7155058102. $\frac{66}{133}$

7155058103. $\frac{16}{33}$

7155058104. $\frac{33}{67}$

Question Number : 6 Question Id : 7155052574 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

سلسلہ کے پہلے گیارہ ارکان کا جوڑ ہے: $\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$

Options :

7155058101. $\frac{61}{133}$

7155058102. $\frac{66}{133}$

7155058103. $\frac{16}{33}$

7155058104. $\frac{33}{67}$

Question Number : 7 Question Id : 7155052575 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\lim_{x \rightarrow 0} (1 + 3x)^{\frac{x+2}{x}}$ is equal to

Options :

7155058105. e

7155058106. e^3

7155058107. e^6

7155058108. e^9

Question Number : 7 Question Id : 7155052575 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

کی قدر ہے۔ $\lim_{x \rightarrow 0} (1 + 3x)^{\frac{x+2}{x}}$

Options :

7155058105. e

7155058106. e^3

7155058107. e^6

7155058108. e^9

Question Number : 8 Question Id : 7155052576 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let $P(\alpha, \beta, \lambda)$ be the image of the point $Q(1, 2, 0)$ in the line $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$, then $(PQ)^2$ is

equal to

Options :

7155058109. 90

7155058110. 180

7155058111. 360

7155058112. 270

Question Number : 8 Question Id : 7155052576 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں $P(\alpha, \beta, \lambda)$ خط $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$ میں نقطہ $Q(1, 2, 0)$ کا عکس ہے۔ تب $(PQ)^2$ کے برابر

ہے۔

Options :

7155058109. 90

7155058110. 180

7155058111. 360

7155058112. 270

**Question Number : 9 Question Id : 7155052577 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

A box contains 7 red and 9 white balls. The number of ways of drawing 8 balls such that there are at least three balls of each colour, is :

Options :

7155058113. 8820

7155058114. 10584

7155058115. 1764

7155058116. 3515

**Question Number : 9 Question Id : 7155052577 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

ایک باکس کے اندر 7 سرخ اور 9 سفید گیندیں ہیں۔ ان طریقوں کی تعداد بتائیں، جن سے 8 گیندیں اس طرح نکالی جائیں تاکہ ہر رنگ کی کم سے کم تین گیندیں ہوں:

Options :

7155058113. 8820

7155058114. 10584

7155058115. 1764

7155058116. 3515

Question Number : 10 Question Id : 7155052578 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let $[t]$ denote the greatest integer function. If $\int_0^1 [1+x^2+x^4] dx = a$, then $36a - 25a^2 + 8a^3 - a^4$ is equal to

Options :

7155058117. 19

7155058118. -19

7155058119. 18

7155058120. -21

Question Number : 10 Question Id : 7155052578 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ $[t]$ سب سے بڑے صحیح عدد تفاعل کی نشان دہی کرتا ہے۔ اگر $\int_0^1 [1+x^2+x^4] dx = a$,

کس کے برابر ہے: $36a - 25a^2 + 8a^3 - a^4$

Options :

7155058117. 19

7155058118. -19

7155058119. 18

7155058120. -21

Question Number : 11 Question Id : 7155052579 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let $PL = 8$ units and $QM = 2$ units be two parallel line segments such that the line segments PM and QL intersect at the point R . If PL and QM are tangents to a circle passing through points P, Q, R then radius of this circle is

Options :

7155058121. $\sqrt{2}$

7155058122. 2

7155058123. $2\sqrt{2}$

7155058124. 4

Question Number : 11 Question Id : 7155052579 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں $PL = 8$ units اور $QM = 2$ units دو متوازی قطعہ خطوط اس طرح ہیں کہ قطعہ خطوط PM اور QL نقطہ R پر کاٹتی ہیں۔ اگر PL اور QM نقاط P, Q, R سے گزرنے والے دائرے کی مماسیں ہیں؛ تب اس دائرہ کی نصف قطر ہے:

Options :

7155058121. $\sqrt{2}$

7155058122. 2

7155058123. $2\sqrt{2}$

7155058124. 4

Question Number : 12 Question Id : 7155052580 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

For some $\alpha \in \mathbb{N}$, let PQR be a triangle with two fixed vertices P(2, 5) and Q(α , -11). If the point R moves on the line $l_1: 9x + 7y + \alpha = 0$, then the centroid of ΔPQR moves on the line l_2 , which is parallel to l_1 at a distance $\frac{20}{3\sqrt{130}}$ units from it. If the distance of Q from l_2 is $\frac{k}{3\sqrt{130}}$, then k is equal to :

Options :

7155058125. 117

7155058126. 129

7155058127. 131

7155058128. 133

Question Number : 12 Question Id : 7155052580 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\alpha \in \mathbb{N}$ کے لئے فرض کریں کہ PQR ایک مثلث ہے جس کی دو جہی ہوئی (fixed) راسیں $P(2, 5)$ اور $Q(\alpha - 11)$ ہیں۔ اگر نقطہ R خط $l_1: 9x + 7y + \alpha = 0$ کے ہمراہ حرکت کرتا ہے، تب DPQR کا مرکز نما (centroid) خط l_2 کے ہمراہ حرکت کرتا ہے، جو l_2 کے متوازی ہے اس سے $\frac{20}{3\sqrt{130}}$ اکائی کے فاصلہ پر اگر خط l_2 سے نقطہ Q کا فاصلہ $\frac{k}{3\sqrt{130}}$ ہے، تب k کی قدر ہوگی :

کچھ

ہر

Options :

7155058125. 117

7155058126. 129

7155058127. 131

7155058128. 133

Question Number : 13 Question Id : 7155052581 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let $A_i(x_i, y_i), i = 1, 2, 3$ be points on the circle $x^2 + y^2 = 10$ such that A_1 lies in the 1st quadrant and it is the image of point A_2 with respect to y -axis. If the distance of point A_1 from each of the points A_2 and A_3 is 2, then twenty times the area of the $\Delta A_1 A_2 A_3$ is

Options :

7155058129. 12

7155058130. 30

7155058131. 24

7155058132. 48

Question Number : 13 Question Id : 7155052581 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں $A_i(x_i, y_i), i = 1, 2, 3$ دائرہ پر موجود $x^2 + y^2 = 10$ پر موجود نقطہ اس طرح ہیں کہ A_1 پہلے ربع میں واقع ہے اور یہ نقطہ A_2 کا y -محور کے لحاظ سے عکس ہے۔ اگر A_1 کا A_2 اور A_3 دونوں سے فاصلہ 2 ہے، تب مثلث

$\Delta A_1 A_2 A_3$ کا رقبہ کا 20 گنا ہے:

Options :

7155058129. 12

7155058130. 30

7155058131. 24

7155058132. 48

Question Number : 14 Question Id : 7155052582 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The remainder when 7^{89} is divided by 15 is

Options :

7155058133. 5

7155058134. 7

7155058135. 9

7155058136. 11

Question Number : 14 Question Id : 7155052582 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

جب 7^{89} کو 15 سے تقسیم کیا جاتا ہے، تو باقی بچتا ہے

Options :

7155058133. 5

7155058134. 7

7155058135. 9

7155058136. 11

Question Number : 15 Question Id : 7155052583 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If the plane $y = \alpha x - \beta z + \gamma$ passing through the point $(1, -1, 3)$ is perpendicular to each of the planes $2x + y + z = 1$ and $3x - 2y + 2z = 0$, then $\alpha + \beta + \gamma$ is equal to :

Options :

7155058137. 5

7155058138. 13

7155058139. 19

7155058140. 27

Question Number : 15 Question Id : 7155052583 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر $(1, -1, 3)$ سے گزرنے والا مستوی $y = \alpha x - \beta y + \gamma$ دونوں مستویوں $2x + y + z = 1$ اور $3x - 2y + 2z = 0$ پر قائم
زاویہ ہے، تب $\alpha + \beta + \gamma$ ہوگا :

عمود

Options :

7155058137. 5

7155058138. 13

7155058139. 19

7155058140. 27

Question Number : 16 Question Id : 7155052584 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let $\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$, $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ be three vectors. If \vec{r} is the vector such that

$\vec{r} \times \vec{a} = \left(\vec{b} + \vec{c} \right) \times \vec{a}$ and $\vec{r} \cdot \left(\vec{b} - \vec{c} \right) = 0$, then $\vec{r} \cdot \left(\hat{i} + \hat{j} - \hat{k} \right)$ is equal to :

Options :

7155058141. 3

7155058142. 4

7155058143. 5

7155058144. 6

Question Number : 16 Question Id : 7155052584 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ $\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$, $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ تین سمتیے ہیں۔ اگر \vec{r} ایک سمتیہ اس طرح ہے کہ $\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k}) = 0$ اور $\vec{r} \times \vec{a} = (\vec{b} + \vec{c}) \times \vec{a}$ تب $\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k})$ کس کے برابر ہے؟

Options :

7155058141. 3

7155058142. 4

7155058143. 5

7155058144. 6

Question Number : 17 Question Id : 7155052585 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The probability that a randomly selected root of the equation $1 + x + x^2 + \dots + x^{118} = 0$ satisfies the equation $x^7 = 1$, is

Options :

7155058145. 0

7155058146. $\frac{1}{59}$

7155058147. $\frac{3}{59}$

7155058148. $\frac{7}{118}$

Question Number : 17 Question Id : 7155052585 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اس کی احتمال بتائیں کہ کثیررکمی $1 + x + x^2 + \dots + x^{118}$ کا بلا منصوبہ چنا گیا جذر مساوات $x^7 = 1$ کو مطمئن کرتا ہے۔

Options :

7155058145. 0

7155058146. $\frac{1}{59}$

7155058147. $\frac{3}{59}$

7155058148. $\frac{7}{118}$

Question Number : 18 Question Id : 7155052586 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let X have the binomial distribution $B(n, p)$. If its mean is 3 and variance is 2, then $P(X < \frac{n}{4})$ is equal to :

Options :

$$7155058149. \frac{29 \times 2^8}{3^9}$$

$$7155058150. \frac{25 \times 2^9}{3^9}$$

$$7155058151. \frac{163}{3^9}$$

$$7155058152. \frac{835}{3^9}$$

Question Number : 18 Question Id : 7155052586 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ X کے دور کی تقسیم $B(n, \beta)$ ہے۔ اس کا درمیانہ 3 اور اس کی عدم مطابقت 2 ہے، تب $P(X < \frac{n}{4})$ کس کے برابر ہے؟

Options :

$$7155058149. \frac{29 \times 2^8}{3^9}$$

$$7155058150. \frac{25 \times 2^9}{3^9}$$

$$7155058151. \frac{163}{3^9}$$

$$7155058152. \frac{835}{3^9}$$

Question Number : 19 Question Id : 7155052587 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The domain of the function $f(x) = \cos^{-1}\left(\frac{x^2 - 3x + 2}{x^2 + 2x - 1}\right)$ is :

Options :

7155058153. $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155058154. $\left[\frac{3}{5}, \infty\right)$

7155058155. $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155058156. $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

Question Number : 19 Question Id : 7155052587 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

: \leftarrow (domain) $f(x) = \cos^{-1}\left(\frac{x^2 - 3x + 2}{x^2 + 2x - 1}\right)$ تفاعل

Options :

7155058153. $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155058154. $\left[\frac{3}{5}, \infty\right)$

7155058155. $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155058156. $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

Question Number : 20 Question Id : 7155052588 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following statements is a tautology ?

Options :

7155058157. $((p \Rightarrow q) \vee p) \Rightarrow q$

7155058158. $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155058159. $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155058160. $((p \Rightarrow q) \vee p) \Rightarrow p$

Question Number : 20 Question Id : 7155052588 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

درج ذیل میں سے کون سا تکرار معنی (tautology) ہے؟

Options :

7155058157. $((p \Rightarrow q) \vee p) \Rightarrow q$

7155058158. $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155058159. $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155058160. $((p \Rightarrow q) \vee p) \Rightarrow p$

Section Id :	715505160
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	5
Section Marks :	20
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505160
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 21 Question Id : 7155052589 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The curve $y = x^2 + 1$ divides the area enclosed by the curves $y + |x| = 3$ and $y = |x-1|$ in the ratio $m : n$, where m and n are coprime, then $m + n$ is equal to _____ .

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 21 Question Id : 7155052589 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

منحنی $y = x^2 + 1$ و $y = |x-1|$ اور $y + |x| = 3$ کے ذریعہ گھڑے ہوئے رقبہ کو $m : n$ کی نسبت میں تقسیم کرتا ہے جہاں m اور n ہم مفرد ہیں، تب $m+n$ کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 22 **Question Id :** 7155052590 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

The number of ways in which 30 identical pens can be distributed among 12 students so that each student gets at least one pen and exactly two students get at least two pens each, is _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 22 **Question Id :** 7155052590 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

ان طریقوں کی تعداد بتائیں جن میں 30 ایک ہی جیسے ہیں 12 طلباء کے درمیان تقسیم کئے جاسکتے ہیں اس طرح کہ ہر طالب علم کو کم سے کم ایک ہیں ملے اور بالکل دو طلباء کو کم سے کم دو ہیں ملیں _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 23 **Question Id :** 7155052591 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

Let $(1+x^2-x^4)^{12} = \sum_{n=0}^{48} a_n x^n$. Then $a_0 + a_2 + a_4 + \dots + a_{44}$ is equal to

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 23 **Question Id :** 7155052591 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

فرض کریں $(1+x^2-x^4)^{12} = \sum_{n=0}^{48} a_n x^n$ ، تب $a_0 + a_2 + a_4 + \dots + a_{44}$ کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 24 **Question Id :** 7155052592 **Question Type :** SA **Calculator :** None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If S_n denotes the sum of first n terms of the series $7 + 10 + 16 + 25 + 37 + \dots$, then $S_{30} - S_{20}$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 24 Question Id : 7155052592 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر S_n سلسلہ $7 + 10 + 16 + 25 + 37 + \dots$ کے پہلے n ارکان کے جوڑ کی نشان دہی کرتا ہے، تب $S_{30} - S_{20}$ کے برابر ہے۔ _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 25 Question Id : 7155052593 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $[t]$ denotes the greatest integer $\leq t$, then the number of points , at which the function

$f(x) = \left[x + x^3 \right] + \left| x - x^3 \right| + \left| x + \frac{1}{2} \right|$ is not differentiable in the open interval $(-10, 10)$, is _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 25 **Question Id :** 7155052593 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

اگر $[t]$ سب سے بڑے صحیح عدد $\leq t$ کی نشان دہی کرتا ہے، تب ان نقاط کی تعداد جہاں تفاعل
ہے۔ $f(x) = [x+x^3] + |x-x^3| + \left|x + \frac{1}{2}\right|$ کھلا وقفہ $(-10, 10)$ میں تفرق مزیر نہیں ہے، _____ ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 26 **Question Id :** 7155052594 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

If $\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + C$ where C is an arbitrary constant, then $f(0)$ is equal to

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 26 Question Id : 7155052594 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر $\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + C$ جہاں C ایک اختیاری مستقلہ ہے، تب $f(0)$ کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 27 Question Id : 7155052595 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let the equation of the hyperbola with foci $(1, 5)$, $(1, -1)$ and eccentricity $\sqrt{3}$ be $x^2 - 2y^2 + ax + by + c = 0$. Then $|a + b + c|$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 27 Question Id : 7155052595 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ اس مکانی کی مساوات $x^2 - 2y^2 + ax + by + c = 0$ ہے جس کا ماسکہ $(1, 5)$, $(1, -1)$ اور خروج مرکز $\sqrt{3}$ ہے، تب $|a + b + c|$ کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 28 Question Id : 7155052596 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Let α_1, α_2 be the values of α such that the distance between the point $(2, 4, 3)$ and the plane $3x + y + \alpha z + 10 = 0$ is $\sqrt{35}$ units. Then the area of the triangle with vertices $(\alpha_1, \alpha_2, 0)$, $(\alpha_2, \alpha_1, 0)$ and $(\frac{164}{13}, 5, 0)$ is _____ unit².

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 28 Question Id : 7155052596 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فرض کریں کہ α کی قدریں α_1, α_2 ہیں اس طرح کہ نقطہ $(2, 4, 3)$ اور مستوی $3x + y + \alpha z + 10 = 0$ کے درمیان فاصلہ $\sqrt{35}$ اکائی ہے۔ تب راسوں $(\alpha_1, \alpha_2, 0)$ ، $(\alpha_2, \alpha_1, 0)$ اور $(\frac{164}{13}, 5, 0)$ والے مثلث کا رقبہ unit^2 ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 29 **Question Id :** 7155052597 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

Let O be the origin and let the vectors $\overrightarrow{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\overrightarrow{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ and $\overrightarrow{OC} = \hat{u}$ represent three sides of a parallelepiped, where \hat{u} is a unit vector in the xy - plane. If the maximum volume of the parallelepiped is $2\sqrt{\alpha}$, then α is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 29 **Question Id :** 7155052597 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

O کو مبد امانتے ہوئے، فرض کریں کہ سمتیے $\vec{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$ ، $\vec{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ اور $\vec{OC} = \vec{u}$ ایک

متوازی اسطوح کے اضلاع کی نمائندگی کرتے ہیں۔ جہاں \hat{u} ایک اکائی سمتیہ ہے، xy مستوی میں۔ اگر متوازی السطوح

(Parallelepiped) کا زیادہ سے زیادہ حجم $2\sqrt{\alpha}$ ہے، تب α کی قدر _____ کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 30 **Question Id :** 7155052598 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

If the solution curve of the differential equation $\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ passes through the

points $(\sqrt{2}, \sqrt{2})$ and $(2, \alpha)$, then $2\alpha - \log_e \left(\frac{\alpha^2 + 4\alpha + 2}{6} \right)$ is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 30 **Question Id :** 7155052598 **Question Type :** SA **Calculator :** None

Response Time : N.A **Think Time :** N.A **Minimum Instruction Time :** 0

Correct Marks : 4 **Wrong Marks :** 1

اگر تفرقی مساوات $\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ کا حل منحنی نقاط $(\sqrt{2}, \sqrt{2})$ اور $(2, \alpha)$ سے گزرتا ہے، تب

$$2\alpha - \log_e \left(\frac{\alpha^2 + 4\alpha + 2}{6} \right)$$

کے برابر ہے۔

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Aptitude Test

Section Id :	715505161
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505161
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 31 **Question Id :** 7155052599 **Question Type :** MCQ **Option Shuffling :** Yes **Is Question Mandatory :** No **Calculator :** None **Response Time :** N.A **Think Time :** N.A **Minimum**

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Adobe is a

Options :

7155058171. Type of cement

7155058172. Type of floor finish

7155058173. Type of paint

7155058174. Type of Brick

Question Number : 31 Question Id : 7155052599 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اڈوب ہے

Options :

7155058171. سیمنٹ کی ایک قسم

7155058172. فرش کے فنش کی ایک قسم

7155058173. پینٹ کی ایک قسم

7155058174. اینٹ کی ایک قسم

Question Number : 32 Question Id : 7155052600 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Chandigarh is the first planned city of Independent India

Statement II : Chandigarh city was designed by Swiss French architect Le Corbusier

In the light of above statements, choose the **most appropriate** answer form the options given below

Options :

7155058175. Both Statement I and Statement II are correct

7155058176. Both Statement I and Statement II are incorrect

7155058177. Statement I is correct but statement II is incorrect

7155058178. Statement I is incorrect but statement II is correct

Question Number : 32 Question Id : 7155052600 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ذیل میں دو بیانات دیے گئے ہیں۔

بیان I : چنڈیگرہ آزاد بھارت کا پہلا منصوبہ بند شہر ہے۔

بیان II : چنڈیگرہ شہر سویس فرینچ آرکیٹکٹ Le Corbusier نے ڈیزائن کری

مندرجہ بالا بیانات کی روشنی میں مندرجہ ذیل متبادلات میں سے صحیح جواب چنئے:

Options :

7155058175. بیان I اور بیان II دونوں صحیح ہیں۔

7155058176. بیان I اور بیان II دونوں غلط ہیں۔

7155058177. بیان I صحیح جبکہ بیان II دونوں غلط ہیں۔

7155058178. بیان I غلط جبکہ بیان II دونوں صحیح ہیں۔

Question Number : 33 Question Id : 7155052601 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Glass has low thermal conductivity

Statement II : Glass can absorb, refract and transmit light.

In the light of above statements, choose the most appropriate answer form the options given below

Options :

7155058179. Both Statement I and Statement II are correct

7155058180. Both Statement I and Statement II are incorrect

7155058181. Statement I is correct but statement II is incorrect

7155058182. Statement I is incorrect but statement II is correct

Question Number : 33 Question Id : 7155052601 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ذیل میں دو بیانات دیے گئے ہیں۔

بیان I : کانچ کی حرارتی ایصالیت کم ہوتی ہے۔

بیان II : کانچ نور کو منعطف اور اپنے اندر سے گزرنے دیتا ہے۔

مندرجہ بالا بیانات کی روشنی میں مندرجہ ذیل متبادلات میں سے صحیح جواب چنئے:

Options :

7155058179. بیان I اور بیان II دونوں صحیح ہیں۔

7155058180. بیان ا اور بیان II دونوں غلط ہیں۔

7155058181. بیان I صحیح جبکہ بیان II غلط ہے۔

7155058182. بیان I غلط جبکہ بیان II صحیح ہے۔

Question Number : 34 Question Id : 7155052602 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	PMUY	I.	KAUSHAL VISKAS YOJNA
B.	PMAY	II.	JAN DHAN YOJANA
C.	PMKVY	III.	UJJWALA YOJANA
D.	PMJDY	IV.	AWAS YOJANA

Choose the correct answer from the options given below:

Options :

7155058183. A-I, B-III, C-II, D-IV

7155058184. A-III, B-IV, C-I, D-II

7155058185. A-IV, B-II, C-III, D-I

7155058186. A-IV, B-III, C-I, D-II

Question Number : 34 Question Id : 7155052602 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فہرست I اور فہرست II کو ملائیں:

فہرست II		فہرست I	
کوتل وکاس یوجنا	.I	PMUY	.A
جن دهن یوجنا	.II	PMAY	.B
اجولا یوجنا	.III	PMKVY	.C
اواس یوجنا	.IV	PMJDY	.D

مندرجہ ذیل متبادلات میں سے صحیح جواب چنئے:

Options :

7155058183. A-I, B-III, C-II, D-IV

7155058184. A-III, B-IV, C-I, D-II

7155058185. A-IV, B-II, C-III, D-I

7155058186. A-IV, B-III, C-I, D-II

Question Number : 35 Question Id : 7155052603 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	CP Kukreja	I.	IIM Ahmedabad
B.	Louis I Kahn	II.	Jawahar Lal Nehru University
C.	B.V Doshi	III.	IIT Kanpur
D.	Achyut Kanvinde	IV.	IIM Bengaluru

Choose the correct answer from the options given below:

Options :

7155058187. A-IV, B-II, C-I, D-III

7155058188. A-III, B-I, C-II, D-IV

7155058189. A-II, B-I, C-IV, D-III

7155058190. A-I, B-IV, C-III, D-II

Question Number : 35 Question Id : 7155052603 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فہرست I اور فہرست II کو ملائیں:

فہرست II	فہرست I
I. آئی آئی ایم احمد آباد	A. بی بی ککریجا
II. جواہر لعل نہرو یونیورسٹی	B. ٹوئیس آئی کابن
III. آئی آئی ٹی کانپور	C. بی وی جوتسی
IV. آئی آئی ایم بیگلورو	D. اچیوت کنوندے

مندرجہ ذیل متبادلات میں سے صحیح جواب چنئے:

Options :

7155058187. A-IV, B-II, C-I, D-III

7155058188. A-III, B-I, C-II, D-IV

7155058189. A-II, B-I, C-IV, D-III

7155058190. A-I, B-IV, C-III, D-II

Question Number : 36 Question Id : 7155052604 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which one of these is not a complimentary colour?

Options :

7155058191. Blue-Orange

7155058192. Red-Green

7155058193. Blue-Green

7155058194. Violet-Yellow

Question Number : 36 Question Id : 7155052604 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

مندرجہ ذیل میں سے کون سا زوجی رنگ نہیں ہے؟

Options :

7155058191. نیلا - نارنگی

7155058192. سرخ - ہرا

7155058193. نیلا - ہرا

7155058194. بنفشی - پیلا

Question Number : 37 Question Id : 7155052605 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In which State of India, Robbers cave is situated:

Options :

7155058195. Himachal Pradesh

7155058196. Uttarakhand

7155058197. Uttar Pradesh

7155058198. Madhya Pradesh

Question Number : 37 Question Id : 7155052605 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

بھارت کے کون سے صوبہ میں شیروں کا غار واقع ہے۔

Options :

7155058195. بھارت پریش

7155058196. اتر اکھنڈ

7155058197. اتر پریش

7155058198. مدھیہ پریش

Question Number : 38 Question Id : 7155052606 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the correct option among the following:

Petronas Tower is situated in:

Options :

7155058199. Paris

7155058200. Dubai

7155058201. Kuala Lumpur

7155058202. New York

Question Number : 38 Question Id : 7155052606 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

مندرجہ ذیل متبادلات میں سے صحیح جواب چنیے:

بیٹرونوس ٹاور کہاں واقع ہے۔

Options :

7155058199. پیرس

7155058200. دہلی

7155058201. کوالالمپور

7155058202. نیویارک

Question Number : 39 Question Id : 7155052607 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The Konark Temple is located in which state?

Options :

7155058203. Madhya Pradesh

7155058204. Odisha

7155058205. Karnataka

7155058206. Rajasthan

Question Number : 39 Question Id : 7155052607 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

کونارک مندر کس صوبہ میں واقع ہے؟

Options :

7155058203. مدھیہ پردیش

7155058204. اڈیشہ

7155058205. کرناٹک

7155058206. راجستھان

Question Number : 40 Question Id : 7155052608 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who is the architect of the Lotus Temple?

Options :

7155058207. Louis I Kahn

7155058208. Mohse Safdi

7155058209. Fariborz Sahba

7155058210. Richard Meyer

Question Number : 40 Question Id : 7155052608 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

لوئس ٹیمپل کا آرکیٹکٹ کون ہے؟

Options :

7155058207. لوئس آئی کاہن

7155058208. موہسے سفدی

7155058209. فاریوز سہبا

7155058210. رچٹر مییر

Question Number : 41 Question Id : 7155052609 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A small lift for carrying only a small load is known as:

Options :

7155058211. A dead Bearer

7155058212. A Dumb Waiter

7155058213. A Jockey Boy

7155058214. A push upper

Question Number : 41 Question Id : 7155052609 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک چھوٹی لفت جو ڈرف ایک چھوٹا بوجھا لے جاتی ہے کہلاتی ہے۔

Options :

7155058211. ایک ڈیڈ بیرر

7155058212. ایک دمب ریٹر

7155058213. ایک جاکی بائے

7155058214. ایک پنس اپر

Question Number : 42 Question Id : 7155052610 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which are often referred as 'twin cities' of Odisha?

Options :

7155058215. Bhubaneshwar-Puri

7155058216. Puri-Cuttack

7155058217. Bhubaneshwar-Cuttack

7155058218. Bhubaneshwar-Rourkela

Question Number : 42 Question Id : 7155052610 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اُڑیسہ کے جڑواں شہر کون سے ہیں؟

Options :

7155058215. بھینیشور - پُری

7155058216. پُری - کٹک

7155058217. بھینیشور - کٹک

7155058218. بھینیشور - راڑرکیلا

Question Number : 43 Question Id : 7155052611 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which is the correct chronology of Human Civilizations in terms of their existence?

Options :

7155058219. Mesopotamia-Harappa-Egyptian-Chinese

7155058220. Mesopotamia-Egyptian-Harappa-Chinese

7155058221. Mesopotamia-Chinese-Harappa-Egyptian

7155058222. Egyptian-Mesopotamia-Harappa-Sumerian

Question Number : 43 Question Id : 7155052611 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اپنے واقع ہونے کے لحاظ سے انسانی تہذیب کا صحیح سلسلہ واقعات ہے؟

Options :

7155058219. میسوپوٹامیا - ہڑپا - مصری - چینی

7155058220. میسوپوٹامیا - مصری - ہڑپا - چینی

7155058221. میسوپوٹامیا - چینی - ہڑپا - مصری

7155058222. مصری - میسوپوٹامیا - ہڑپا - سمیرین

Question Number : 44 Question Id : 7155052612 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Qutub-Minar in Delhi was built by:

Options :

7155058223. Shah Jahan

7155058224. Jahangir

7155058225. Akbar

7155058226. Qutub ud-din Aibak

Question Number : 44 Question Id : 7155052612 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دہلی کی قطب مینار کس نے بنوائی تھی؟

Options :

7155058223. شاہ جہاں

7155058224. جہانگیر

7155058225. اکبر

7155058226. قطب الدین عیبک

Question Number : 45 Question Id : 7155052613 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which direction in the southern hemisphere would you get glare free (diffused) light throughout the year?

Options :

7155058227. North

7155058228. South

7155058229. East

7155058230. West

Question Number : 45 Question Id : 7155052613 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

نجوبی نصف العرض کی کسی سمت میں سارے سال منتشر نور رہتا ہے؟

Options :

7155058227. شمال

7155058228. جنوب

7155058229. مشرق

7155058230. مغرب

Question Number : 46 Question Id : 7155052614 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who is the architect of the famous "Jawaharlal Kala Complex" in Jaipur?

Options :

7155058231. Raj Rewal

7155058232. Charles Correa

7155058233. Achyut Kanvinde

7155058234. Hafeez Contractor

Question Number : 46 Question Id : 7155052614 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

جے پرکے مشور جو ابر لعل کامپلیکس کا آرکیٹیکٹ کون ہے؟

Options :

7155058231. راج ریول

7155058232. چارلس کوریا

7155058233. اچیوت کنوندے

7155058234. حفیظ کانٹریکٹر

Question Number : 47 Question Id : 7155052615 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Dhajji-Dewari is a construction style popular predominantly in _____.

Options :

7155058235. Coastal Areas

7155058236. Plains

7155058237. Mountainous Region

7155058238. Desert Areas

Question Number : 47 Question Id : 7155052615 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دھجی - دیواری ایک تعمیر کا طریقہ ہے جو کہ خاص طور پر _____ میں مقبول ہے۔

Options :

7155058235. ساحلی علاقے

7155058236. میدان

7155058237. پہاڑی علاقے

7155058238. ریگستانی علاقے

Question Number : 48 Question Id : 7155052616 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which stone is used for roofing in mountainous regions?

Options :

7155058239. Marble

7155058240. Granite

7155058241. Shale

7155058242. Sand Stone

Question Number : 48 Question Id : 7155052616 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

پہاڑی علاقوں میں چھتوں کے لیے کون سے پتھروں کا استعمال ہوتا ہے؟

Options :

7155058239. ماربل

7155058240. گرینائیٹ

7155058241. شیل

7155058242. سینڈ اسٹون

Question Number : 49 Question Id : 7155052617 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Chandigarh is an example of which type of city planning.

Options :

7155058243. Radio Centric

7155058244. Grid-iron

7155058245. Linear

7155058246. Organic

Question Number : 49 Question Id : 7155052617 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

چنڈی گڑھ کس طرح کی شہری منصوبہ بندی کی مثال ہے؟

Options :

7155058243. ریڈیو سینٹرک

7155058244. گرڈ آئرن

7155058245. خطی

7155058246. آرگینک

Question Number : 50 Question Id : 7155052618 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If you have to build on the seashore in Goa, which rooms would have the best view of the sea?

Options :

7155058247. Those facing North

7155058248. Those facing South

7155058249. Those facing East

7155058250. Those facing West

Question Number : 50 Question Id : 7155052618 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر آپ کو گروا میں سمندر کے ساحل پر تعمیر کرنی ہو تو کس کمرے سے سمندر کا صحیح منظر دکھائی دیگا؟

Options :

7155058247. جن کا منہ شمال کی طرف ہے

7155058248. جن کا منہ جنوب کی طرف ہے

7155058249. جن کا منہ مشرق کی طرف ہے

7155058250. جن کا منہ مغرب کی طرف ہے

Question Number : 51 Question Id : 7155052619 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"NIFT" National Institute of Fashion Technology, Delhi is designed by

Options :

7155058251. B.V Doshi

7155058252. C.P Kukreja

7155058253. Raj Rewal

7155058254. Bimal Patel

Question Number : 51 Question Id : 7155052619 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

نیشنل انسٹیٹیوٹ آف فیشن ٹیکنالوجی "NIFT" کو کس کے ذریعہ ڈیزائن کیا گیا؟

Options :

7155058251. بی. وی. دوشی

7155058252. سی پی ککرچا

7155058253. راج ریول

7155058254. بمل پٹیل





Question Number : 52 Question Id : 7155052620 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.		I.	Empire state Building
B.		II.	Hagia Sophia
C.		III.	Sydney Opera House
D.		IV.	Colosseum

Choose the correct answer from the options given below:

Options :

7155058255. A-II, B-I, C-IV, D-III

7155058256. A-I, B-III, C-IV, D-II





7155058257. A-I, B-II, C-III, D-IV

7155058258. A-IV, B-III, C-II, D-I

Question Number : 52 Question Id : 7155052620 Question Type : MCQ Option Shuffling : Yes Is
 Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
 Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فہرست I اور فہرست II سے ملائیے:

LIST II		LIST I	
I	ایمیائر اسٹیٹ بیلڈنگ		A
II	ہیگیا سوفیا		B
III	سٹی اوپیرا ہاؤس		C
IV	کولیزیم		D

Options :

7155058255. A-II, B-I, C-IV, D-III





7155058256. A-I, B-III, C-IV, D-II

7155058257. A-I, B-II, C-III, D-IV

7155058258. A-IV, B-III, C-II, D-I

Question Number : 53 Question Id : 7155052621 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1
Match List I with List II

LIST I		LIST II	
A.		I.	Tesla
B.		II.	Ferrari
C.		III.	Porsche
D.		IV.	Toyota

Choose the correct answer from the options given below:

Options :

7155058259. A-IV, B-I, C-II, D-III

7155058260. A-II, B-III, C-I, D-IV





7155058261. A-III, B-II, C-I, D-IV

7155058262. A-IV, B-III, C-II, D-I

Question Number : 53 Question Id : 7155052621 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فہرست I اور فہرست II سے ملائیے:

فہرست II		فہرست I	
ٹیسلا .I		A	
فراری .II		B	
پورشے .III		C	
ٹویوٹا .IV		D	

مندرجہ ذیل متبادلات میں سے صحیح جواب چنیے:

Options :

7155058259. A-IV, B-I, C-II, D-III

7155058260. A-II, B-III, C-I, D-IV

7155058261. A-III, B-II, C-I, D-IV

7155058262. A-IV, B-III, C-II, D-I

Question Number : 54 Question Id : 7155052622 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Red, Blue and Yellow are the primary colours of a colour wheel.

Statement II : The colours which are positioned opposite to each other in a colour wheel are known as complementary colours.

In the light of above statements, choose the correct answer form the options given below

Options :

7155058263. Both Statement I and Statement II are correct

7155058264. Both Statement I and Statement II are incorrect

7155058265. Statement I is correct but statement II is incorrect

7155058266. Statement I is incorrect but statement II is correct

Question Number : 54 Question Id : 7155052622 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ذیل میں دو بیانات دیے گئے ہیں۔

بیان I : سرخ، نیلا اور پیلے رنگوں کے چکر کے بنیادی رنگ ہیں۔

بیان II : وہ رنگ جو رنگوں کے چکر میں ایک دوسرے کے سامنے ہوتے ہیں روجی رنگ کہلاتے ہیں۔

مندرجہ بالا بیانات کی روشنی میں مندرجہ ذیل متبادلات میں سے صحیح جواب چنئے :

Options :

7155058263. بیان I اور بیان II دونوں صحیح ہیں۔

7155058264. بیان I اور بیان II دونوں غلط ہیں۔

7155058265. بیان I صحیح جبکہ بیان II دونوں غلط ہیں۔

7155058266. بیان I غلط جبکہ بیان II دونوں صحیح ہیں۔

Question Number : 55 Question Id : 7155052623 Question Type : MCQ Option Shuffling : Yes Is

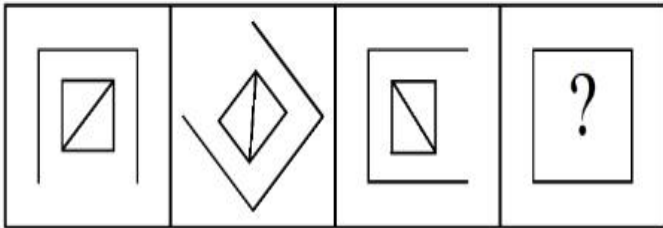
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

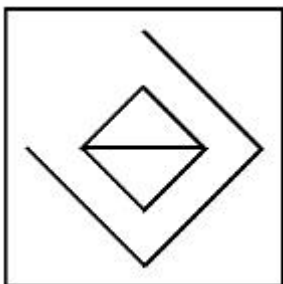
Correct Marks : 4 Wrong Marks : 1

Following question consists of problem figures followed by answer figures. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

PROBLEM FIGURES

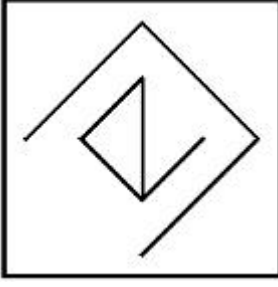


Options :

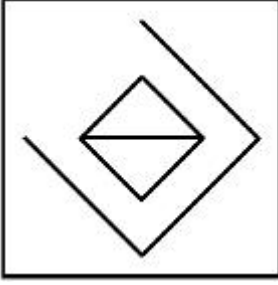


7155058267.

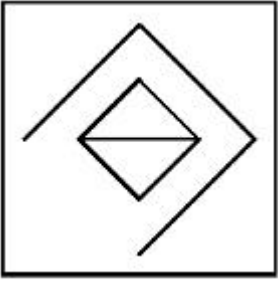
7155058268.



7155058269.



7155058270.

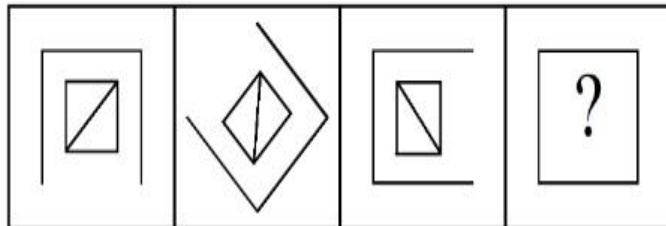


Question Number : 55 Question Id : 7155052623 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

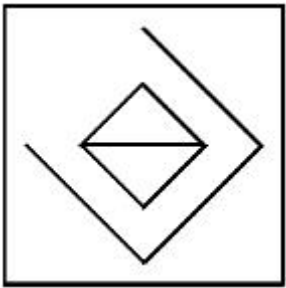
مندرجہ ذیل سوالات میں سوالیہ شکلیں اور ان کے بعد جوابی شکلیں دی گئی ہیں۔ جوابی شکلوں میں سے ایک شکل کو پہچانیے جو سوالیہ شکل میں موجود پیٹرن کو جاری رکھے۔

سوالیہ شکلیں

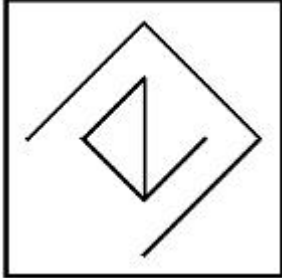


Options :

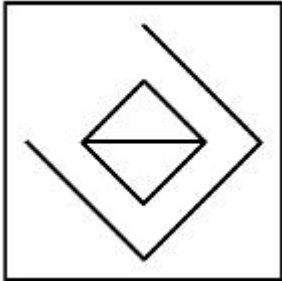
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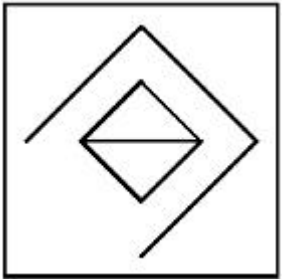
7155058268.



7155058269.



7155058270.



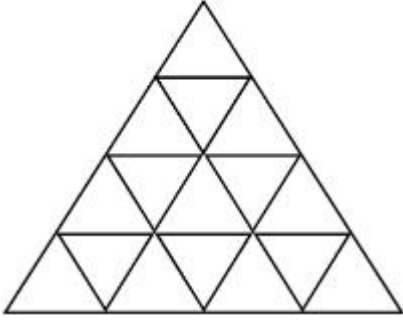
Question Number : 56 Question Id : 7155052624 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

How many triangles are there in given figure:-



Options :

7155058271. 26

7155058272. 25

7155058273. 27

7155058274. 24

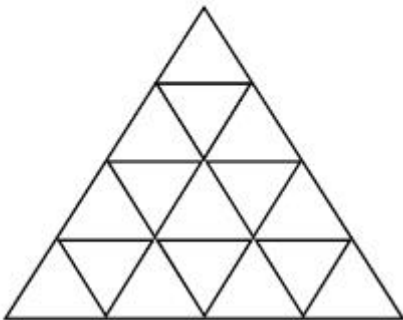
Question Number : 56 Question Id : 7155052624 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دی گئی شکل میں کتنے مثلث ہیں؟



Options :

7155058271. 26

7155058272. 25

7155058273. 27

7155058274. 24

Question Number : 57 Question Id : 7155052625 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find the odd one out:-

7, 9, 25, 32, 43, 59

Options :

7155058275. 59

7155058276. 32

7155058277. 25

7155058278. 9

Question Number : 57 Question Id : 7155052625 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

سب سے الگ کو پہچانیے:

59 ,43 ,32 ,25 ,9 ,7

Options :

7155058275. 59

7155058276. 32

7155058277. 25

7155058278. 9

Question Number : 58 Question Id : 7155052626 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A residential building has 15 floors. The height of ground floor is 4.2 meter (including length and slab thickness). Rest all other floors are of 3.3 meter high (including slab thickness). What is the total height of the building (from ground to terrace) in meters?

Options :

7155058279. 45.6 meter

7155058280. 50 meter

7155058281. 50.4 meter

7155058282. 51.6 meter

Question Number : 58 Question Id : 7155052626 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک اقامتی عمارت میں 15 منزل ہیں۔ تحت منزل کی اونچائی 4.2 میٹر ہے (لمبائی اور سلیب کی موٹائی کو ملاکر)۔ اس کے علاوہ باقی منازل 3.3 میٹر اونچائی ہیں (سلیب کی موٹائی کو ملاکر)۔ عمارت کی کل اونچائی کیا ہے (تحت سے چھت تک) میٹر میں؟

Options :

7155058279. 45.6 میٹر

7155058280. 50 میٹر

7155058281. 50.4 میٹر

7155058282. 51.6 میٹر

Question Number : 59 Question Id : 7155052627 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the mirror image of the given word:-

SUCCESS

Options :

7155058283. 22ECCU2

7155058284. 22ECCU2

7155058285. SUCCESS

7155058286. SSECCUS

Question Number : 59 Question Id : 7155052627 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دیے گئے لفظ کی معکوس شبیہ پہنچائے:

SUCCESS

Options :

7155058283. 22ECCU22

7155058284. 22ECCU22

7155058285. SUCCESS

7155058286. SSECCUS

Question Number : 60 Question Id : 7155052628 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The scale of a map is 1:1000. If a car travels 7 cm from point 'A' to point 'B' on the Map. Then how much the car has travelled in original:-

Options :

7155058287. 0.7 km

7155058288. 7000 mm

7155058289. 7 km

7155058290. 70 meter

Question Number : 60 Question Id : 7155052628 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک نقشہ کا پیمانہ 1:1000 ہے۔ اگر ایک نقشہ پر نقطہ A سے نقطہ B تک 7cm چلتی ہے تو اصل میں کار کتنا چلی؟

Options :

7155058287. 0.7 km

7155058288. 7000 mm

7155058289. 7 km

7155058290. 70 میٹر

Question Number : 61 Question Id : 7155052629 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A land size of 80 meter \times 40 meter for a house design is drawn on paper at a scale of 1:100, then what size is drawn on paper to represent the land?

Options :

7155058291. 8 meter \times 4 meter

7155058292. 80 meter \times 40 meter

7155058293. 8 centimeter \times 4 centimeter

7155058294. 4 meter \times 2 meter

Question Number : 61 Question Id : 7155052629 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

80 meter × 40 meter کی ایک زمین کو ایک پیپر پر 1:100 پیمانے پر بنایا جاتا ہے۔ تو پیپر پر زمین کا سائز کیا ہوگا؟

Options :

7155058291. 8 meter × 4 meter

7155058292. 80 meter × 40 meter

7155058293. 8 centimeter × 4 centimeter

7155058294. 4 meter × 2 meter

Question Number : 62 Question Id : 7155052630 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find the missing number in given series.

16, 33, 65, 131, 261, (.....)

Options :

7155058295. 523

7155058296. 521

7155058297. 524

7155058298. 520

Question Number : 62 Question Id : 7155052630 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دیے گئے سلسلے میں گمشدہ عدد کا پتا لگائیے:

16, 33, 65, 131, 261, (.....)

Options :

7155058295. 523

7155058296. 521

7155058297. 524

7155058298. 520

Question Number : 63 Question Id : 7155052631 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In a code language if ROMAN is written as TQOCP: then ITALY is.....

Options :

7155058299. KVCMA

7155058300. KWCNB

7155058301. KUCLA

7155058302. KVCNA

Question Number : 63 Question Id : 7155052631 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک کوڈ زبان میں ROMAN کو TQOCP لکھا جاتا ہے: تب ITALY ہے

Options :

7155058299. KVCMA

7155058300. KWCNB

7155058301. KUCLA

7155058302. KVCNA

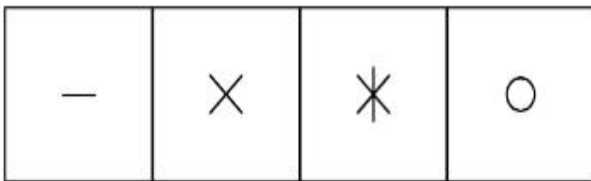
Question Number : 64 Question Id : 7155052632 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

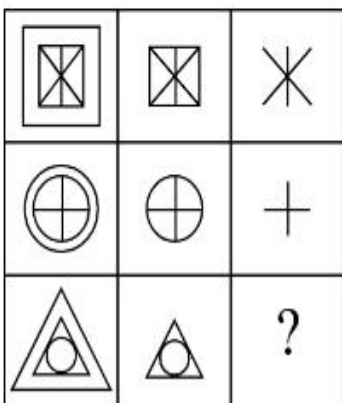
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select a suitable figure from the four alternatives which will come in the empty box.



(A) (B) (C) (D)



Options :

7155058303. D

7155058304. C

7155058305. B

7155058306. A

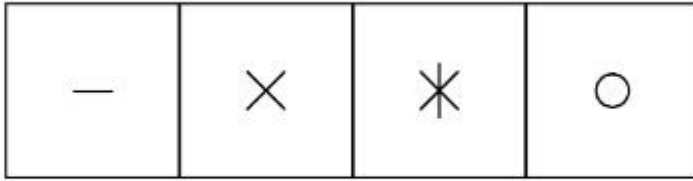
Question Number : 64 Question Id : 7155052632 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

چار متبادلات میں سے مناسب شکل پتا کریں جو خالی جگہ میں آتا ہے۔

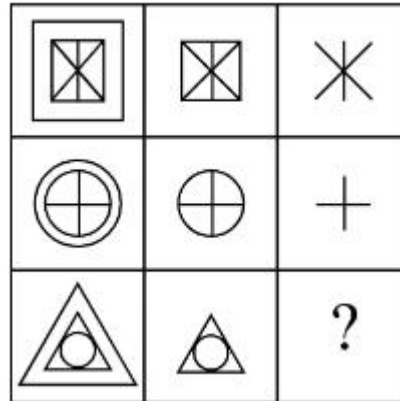


(A)

(B)

(C)

(D)



Options :

7155058303. D

7155058304. C

7155058305. B

7155058306. A

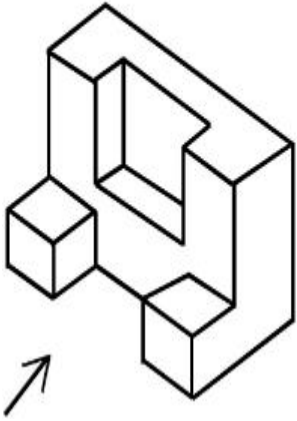
Question Number : 65 Question Id : 7155052633 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

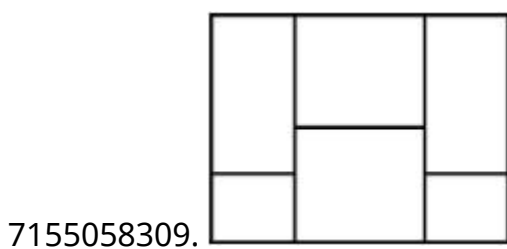
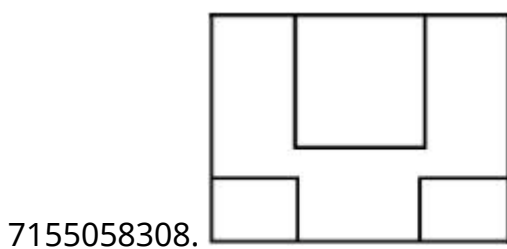
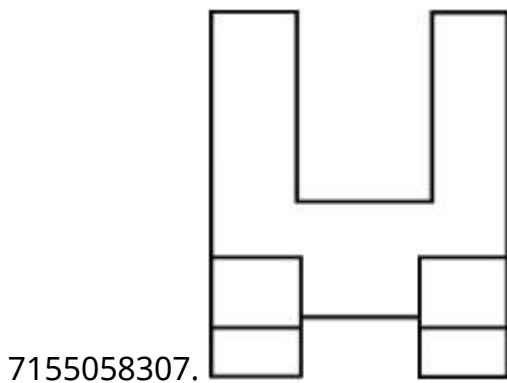
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

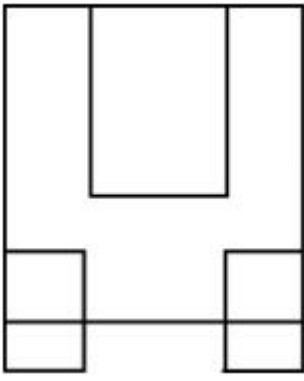
The 3D figure shows the view of an object. Looking in the direction of arrow, identify the most appropriate elevation from the given answer figures.



Options :



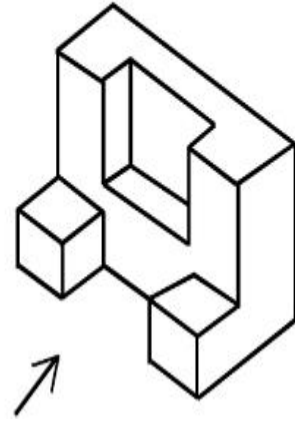
7155058310.



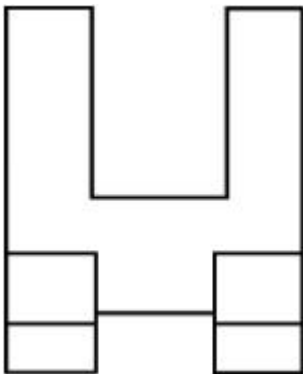
Question Number : 65 Question Id : 7155052633 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

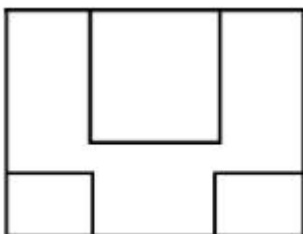
3D شکل ایک شے کے منظر کو دکھاتی ہے۔ تیر کی سمت میں دیکھنے پر دیے گئے جوابی شکلوں میں سب سے مناسب
سامنے کا منظر پہچانیے:



Options :

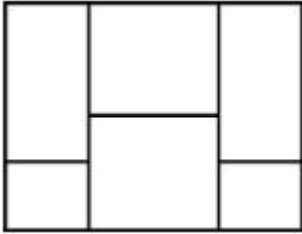


7155058307.

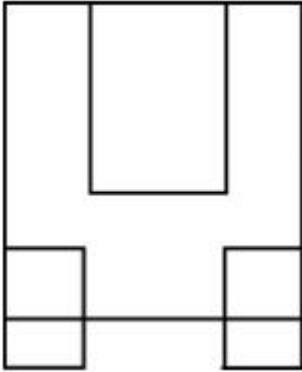


7155058308.

7155058309.



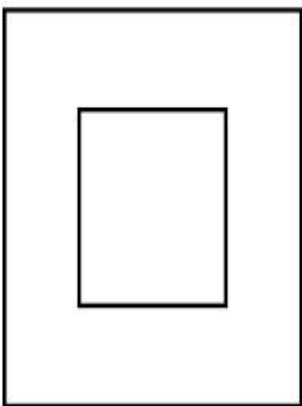
7155058310.



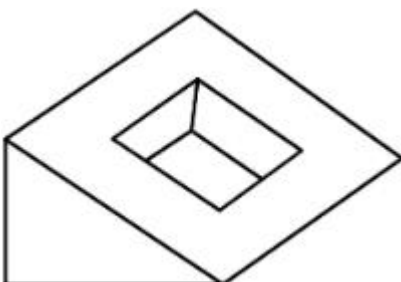
Question Number : 66 Question Id : 7155052634 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Question figure shows top view/ plan of an object. Identify the INCORRECT 3D view from the given answers figure.

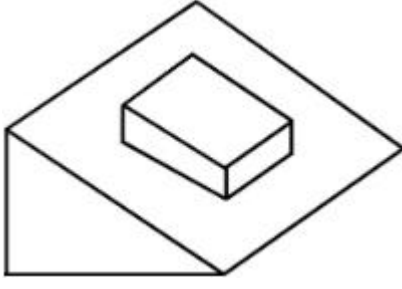


Options :

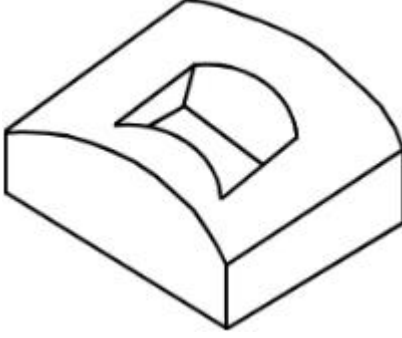


7155058311.

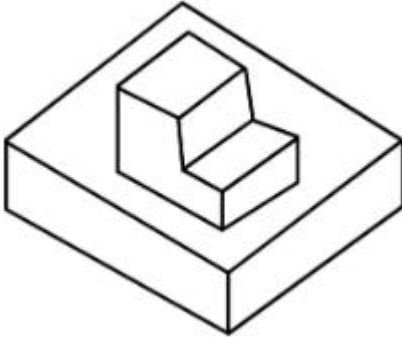
7155058312.



7155058313.



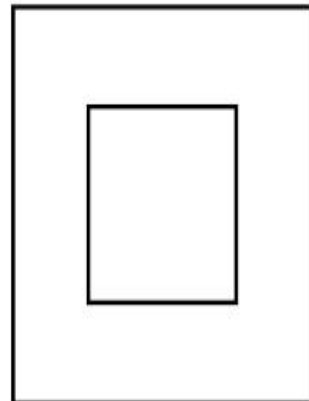
7155058314.



Question Number : 66 Question Id : 7155052634 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

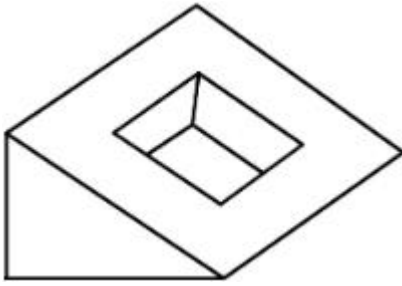
Correct Marks : 4 Wrong Marks : 1

سوالہ شکل میں ایک شے کا اوپری منظر/منصوبہ دکھایا گیا ہے۔ دی گئی جوابی شکلوں میں غلط 3D منظر پہچانئے:

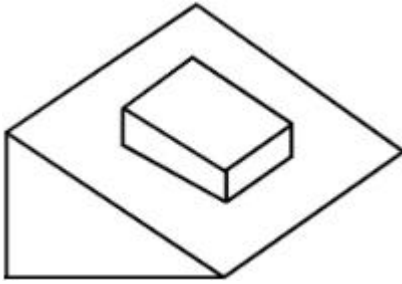


Options :

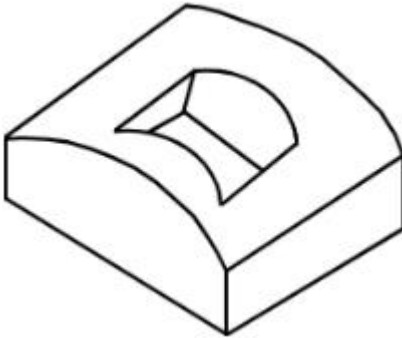
7155058311.



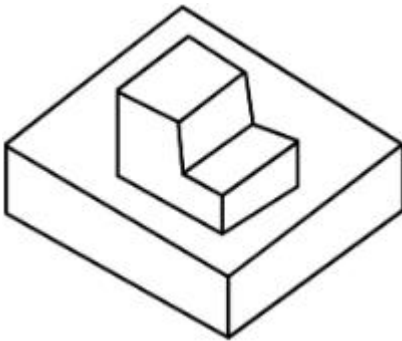
7155058312.



7155058313.



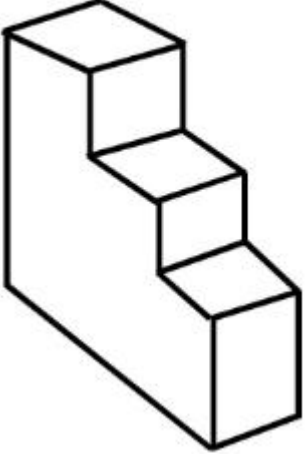
7155058314.



Question Number : 67 Question Id : 7155052635 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

How many surfaces does the object have?



Options :

7155058315. 9

7155058316. 10

7155058317. 8

7155058318. 11

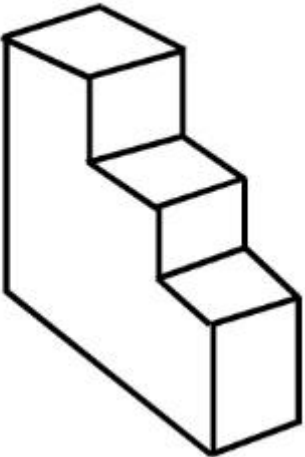
Question Number : 67 Question Id : 7155052635 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

شے میں کتنے سطحیں ہیں؟



Options :

7155058315. 9

7155058316. 10

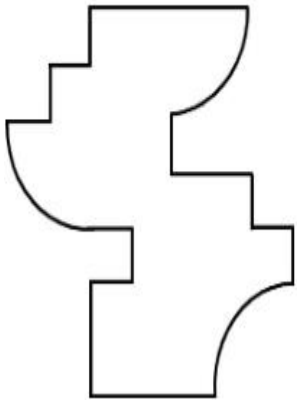
7155058317. 8

7155058318. 11

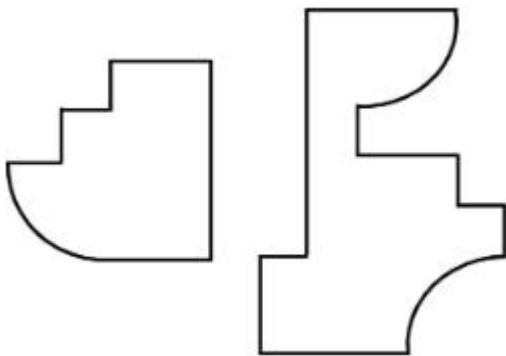
Question Number : 68 Question Id : 7155052636 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

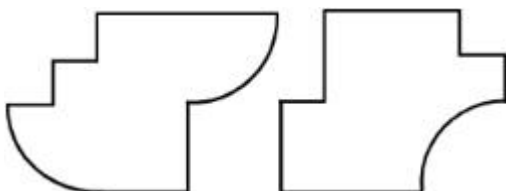
If the question figure is cut into two parts, which of the answer figures complete the question figure without any overlappings?



Options :

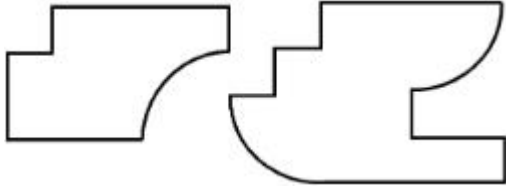


7155058319.

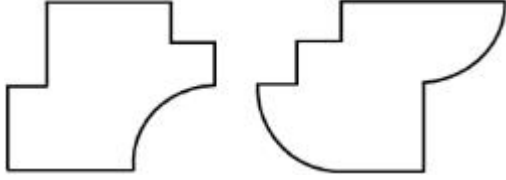


7155058320.

7155058321.



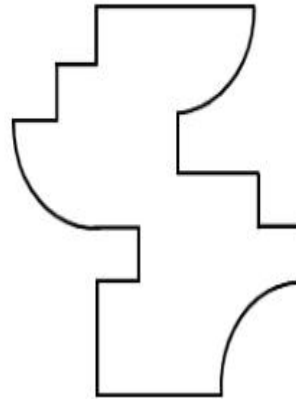
7155058322.



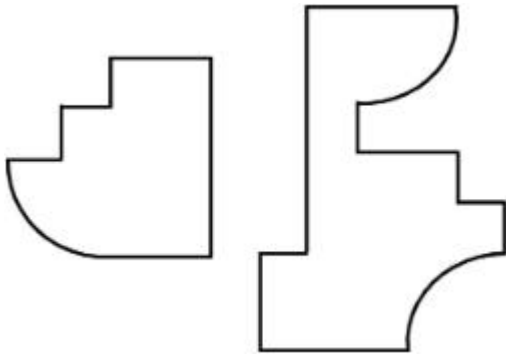
Question Number : 68 Question Id : 7155052636 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

اگر سوالیہ شکل کو دو حصوں میں کاٹا جائے تو جوابی شکل میں کون سا شکل سوالیہ شکل کو بنا کسی اوور لپ کے مکمل کرتا ہے؟



Options :

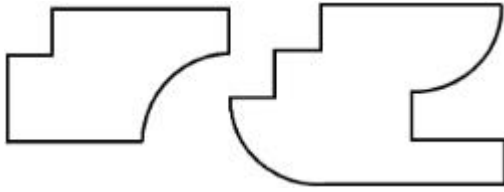


7155058319.

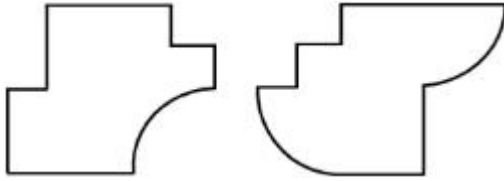
7155058320.



7155058321.



7155058322.



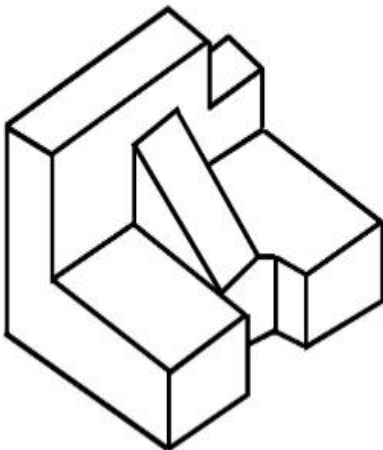
Question Number : 69 Question Id : 7155052637 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

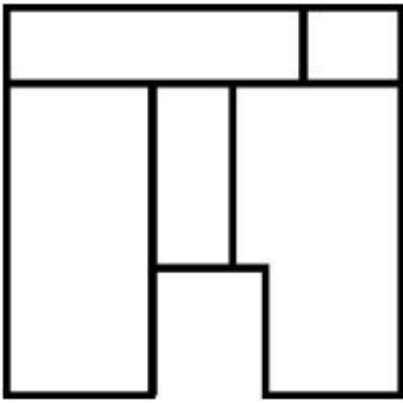
Correct Marks : 4 Wrong Marks : 1

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

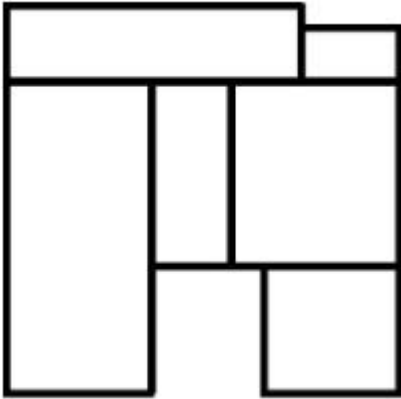


Options :

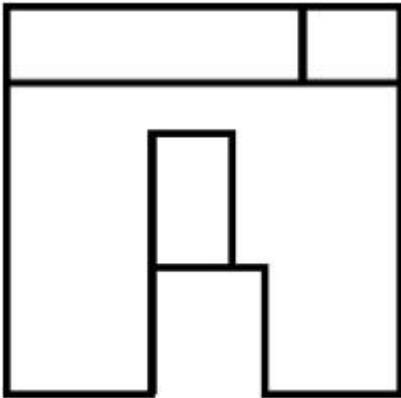
7155058323.



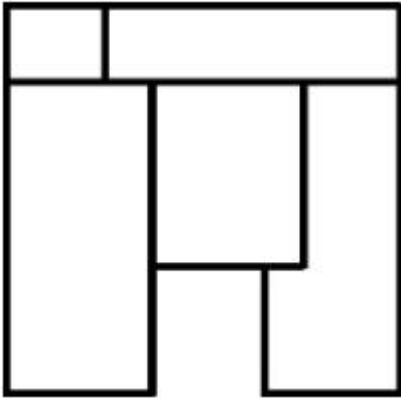
7155058324.



7155058325.



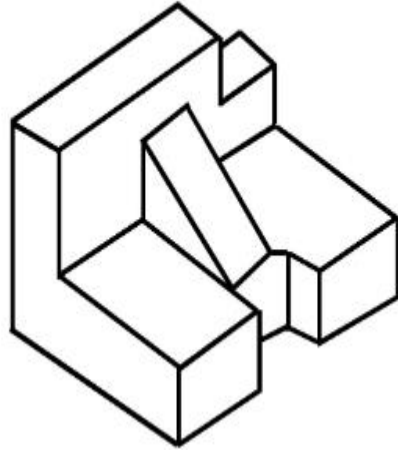
7155058326.



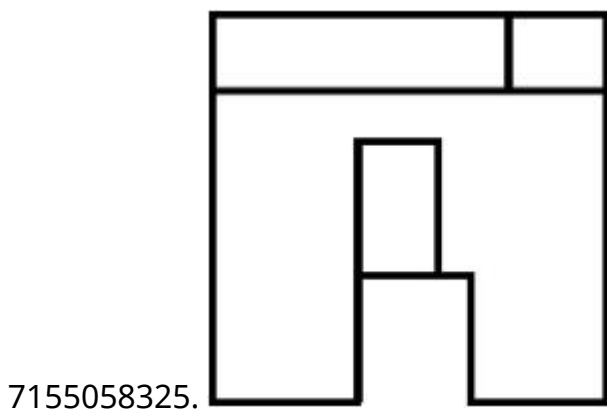
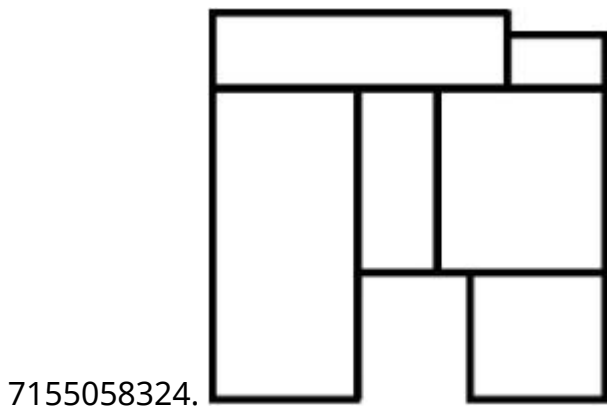
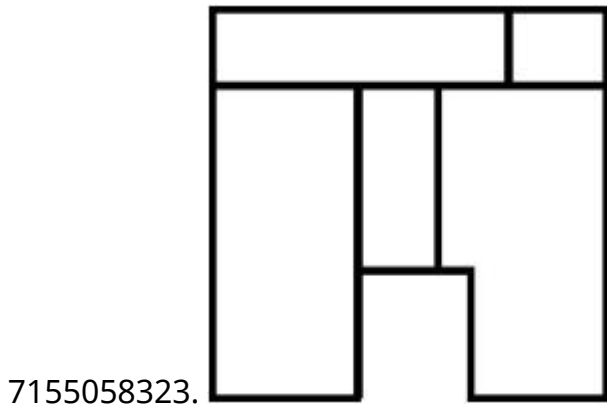
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

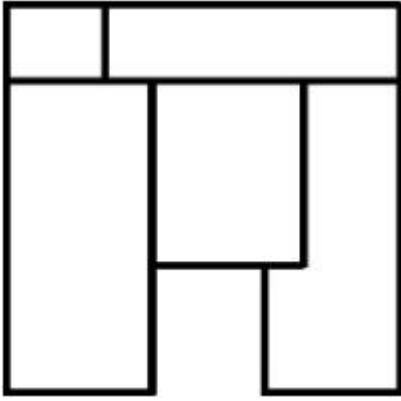
3D سوالیہ شکل ایک شے کے منظر کو دکھاتی ہے۔ جوابی شکلوں میں سے اس کا مناسب اوپر کا منظر پہچانیے۔



Options :



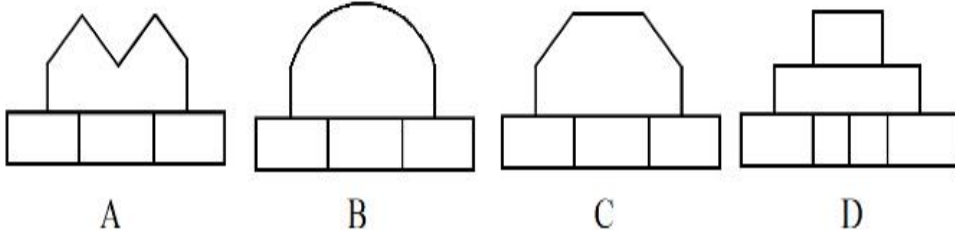
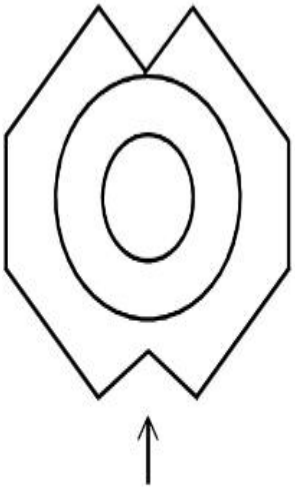
7155058326.



Question Number : 70 Question Id : 7155052638 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct elevation when you look into the object from the marked arrow side of the plan of the object.



Options :

7155058327. D

7155058328. A

7155058329. B

7155058330. C

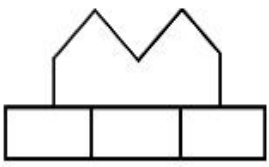
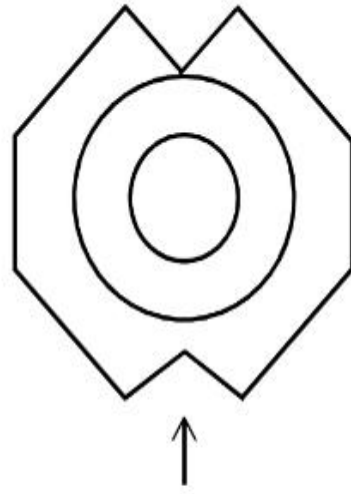
Question Number : 70 Question Id : 7155052638 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

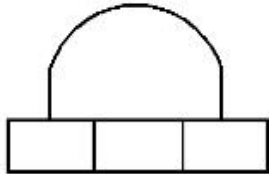
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

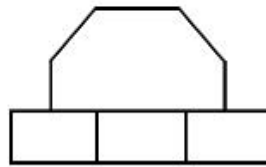
صحیح سامنے کے منظر کو پہچانیے جب کے دی گئی شے کو تیر کی طرف دکھایا جائے۔



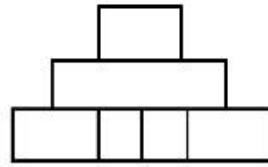
A



B



C



D

Options :

7155058327. D

7155058328. A

7155058329. B

7155058330. C

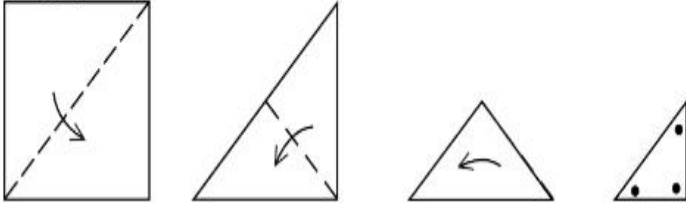
Question Number : 71 Question Id : 7155052639 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

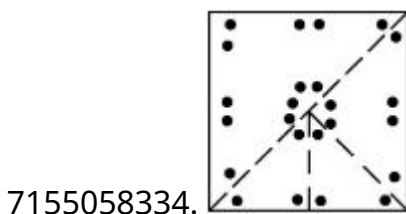
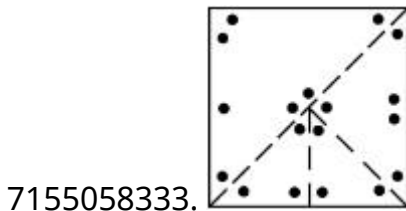
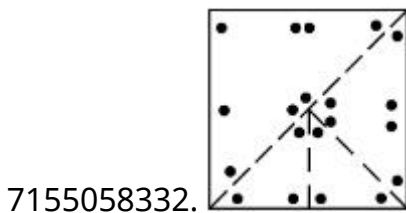
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A paper is folded in a given pattern and it is cut at the end. Identify which pattern is formed when the paper is unfold.



Options :



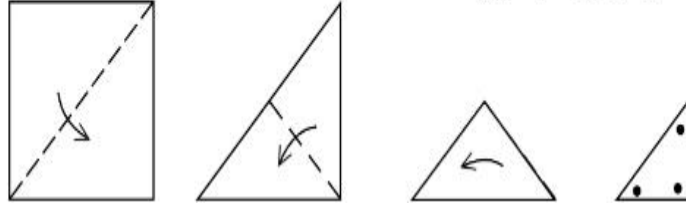
Question Number : 71 Question Id : 7155052639 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

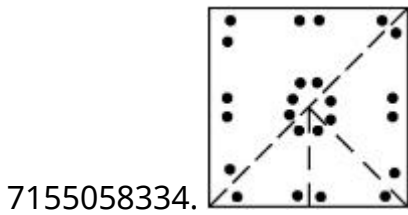
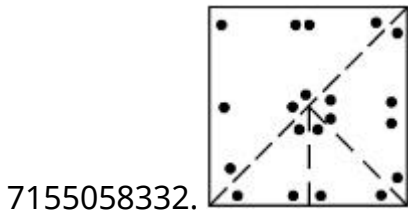
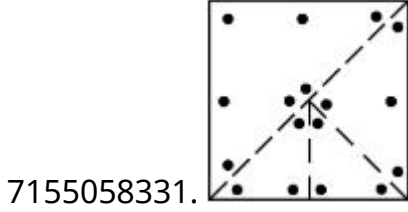
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک کاغذ کو دیے گئے پیٹرن میں موڑا گیا ہے اور اس کو ایک سرے پر کاٹا گیا ہے۔ پہچانیے کہ کون پیٹرن بنتا ہے جب کاغذ کو کھولا جاتا ہے۔



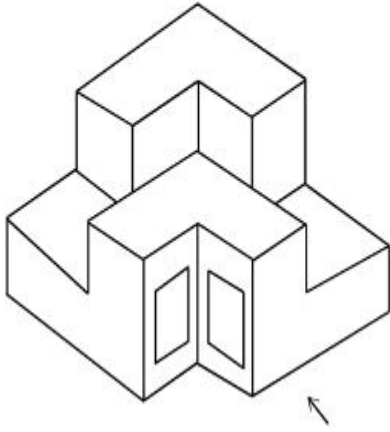
Options :



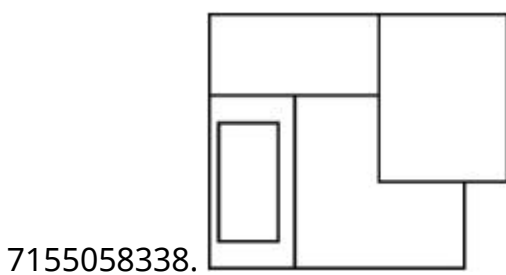
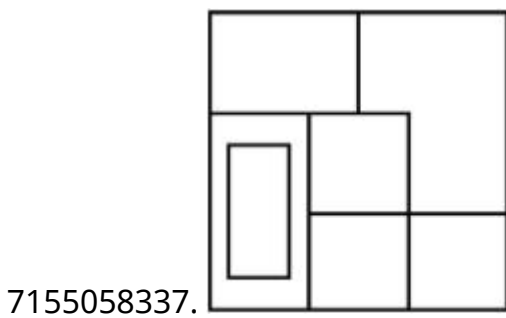
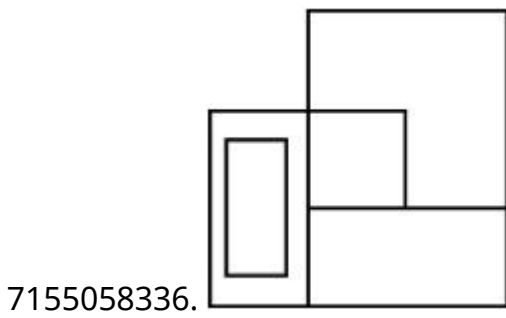
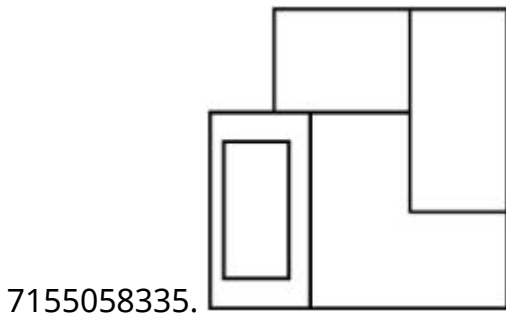
Question Number : 72 Question Id : 7155052640 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The question figure shows the 3-D view of an object. Identify the correct view, looking in the direction of arrow.



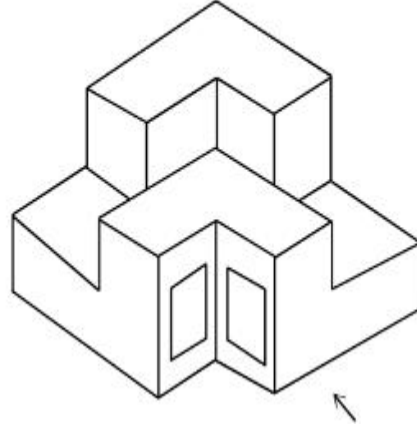
Options :



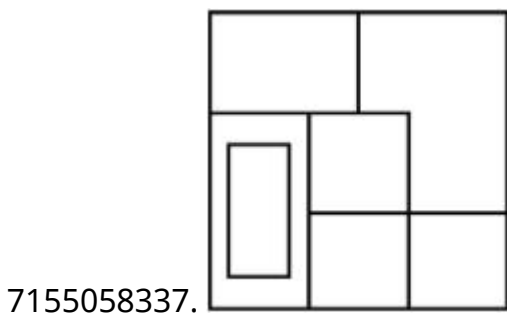
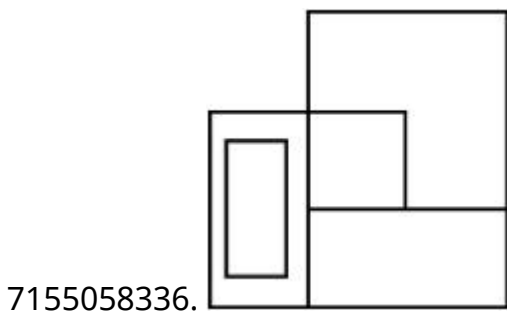
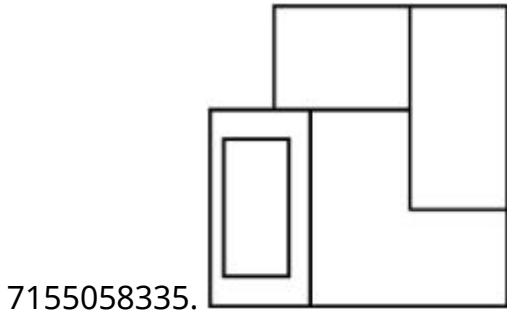
Question Number : 72 Question Id : 7155052640 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

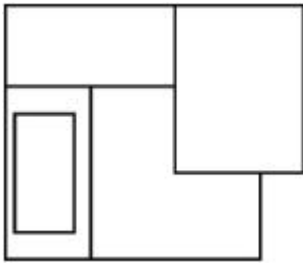
سوالیہ شکل ایک شے کے 3-D منظر کو دکھاتی ہے۔ تیر کی سمت سے دیکھنے پر صحیح منظر پہچانیے:-



Options :



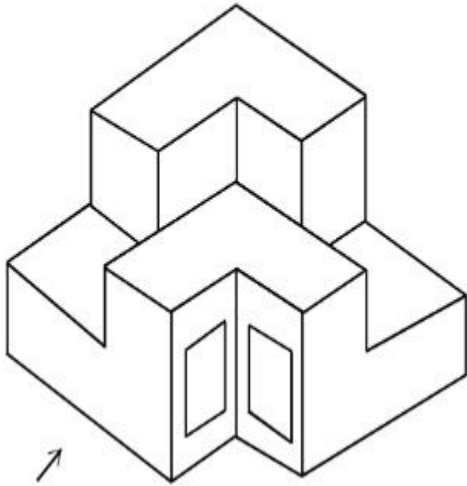
7155058338.



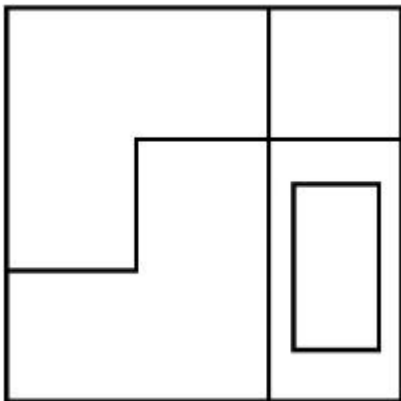
Question Number : 73 Question Id : 7155052641 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The question figure shows the 3-D view of an object. Identify the correct view, looking in the direction of arrow.

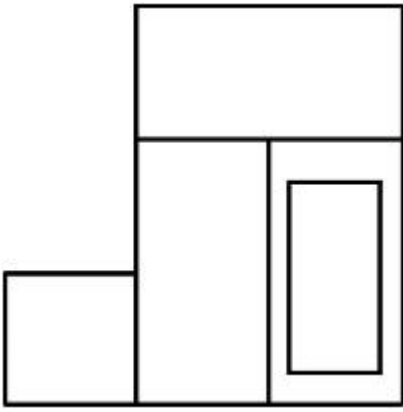


Options :

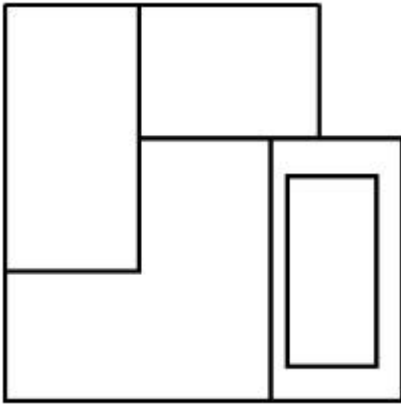


7155058339.

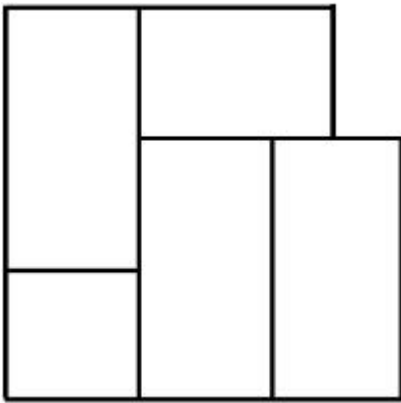
7155058340.



7155058341.



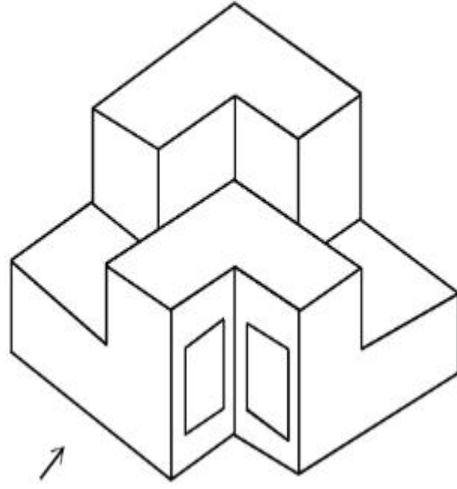
7155058342.



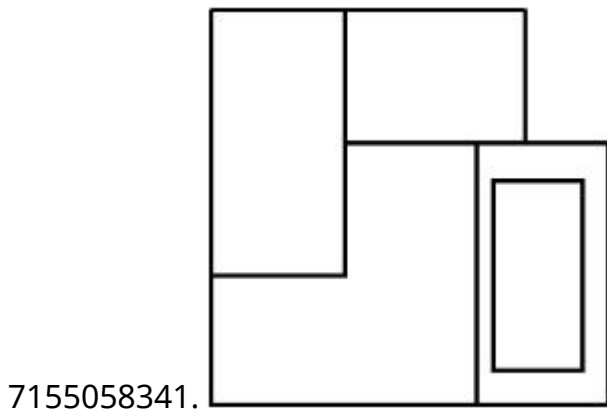
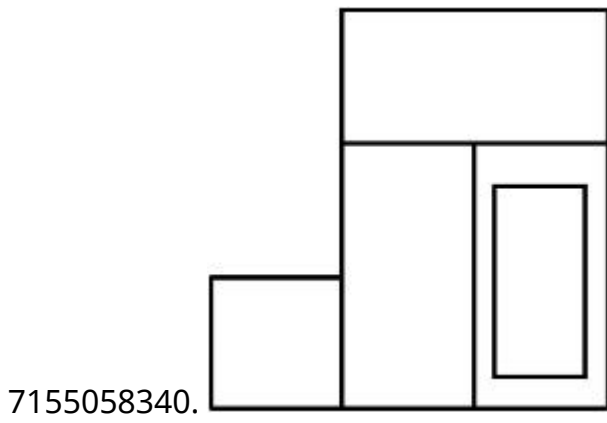
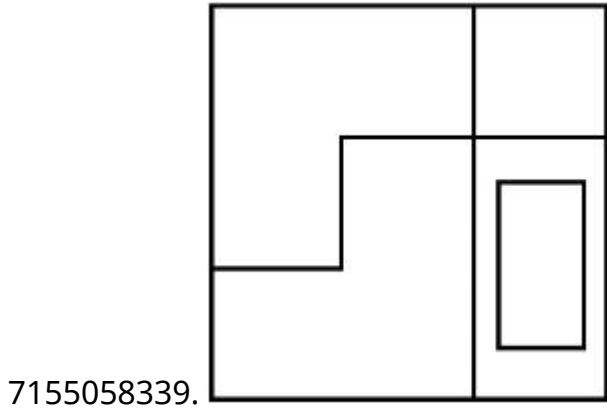
**Question Number : 73 Question Id : 7155052641 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

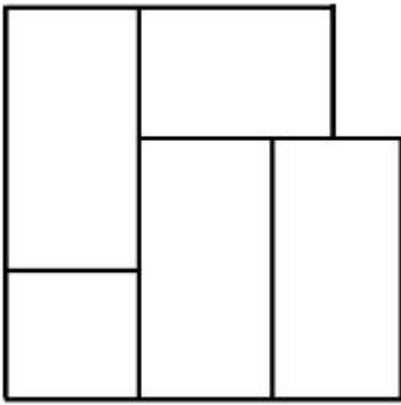
سوالیہ شکل ایک شے کے 3-D منظر کو دکھاتی ہے۔ تیر کی سمت سے دکھائی دینے والے صحیح منظر کو پہچانیے:-



Options :



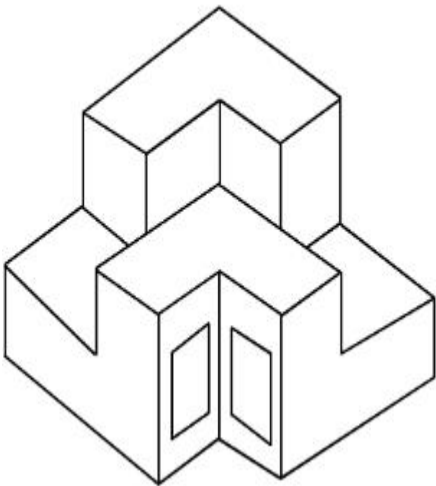
7155058342.



Question Number : 74 Question Id : 7155052642 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

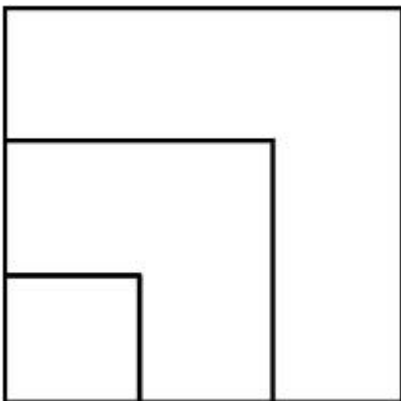
Correct Marks : 4 Wrong Marks : 1

From the given options below, choose the correct plan of the 3-D object, when viewed from the top.

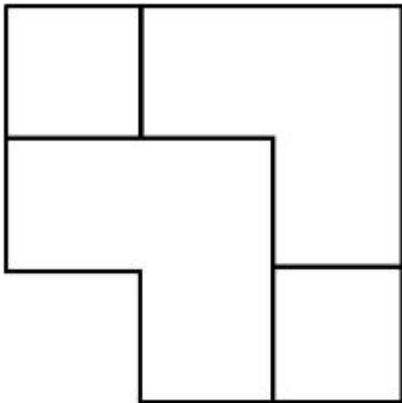
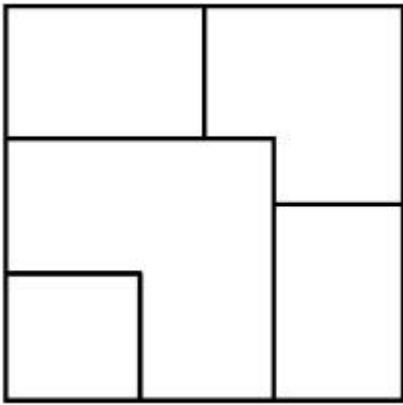


Options :

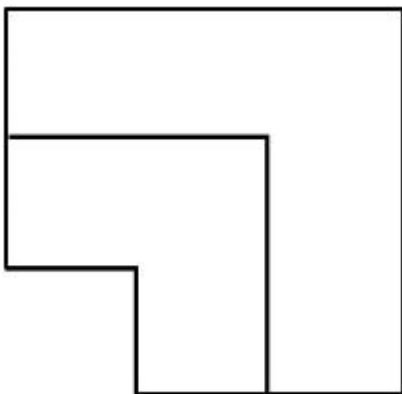
7155058343.



7155058344.



7155058345.

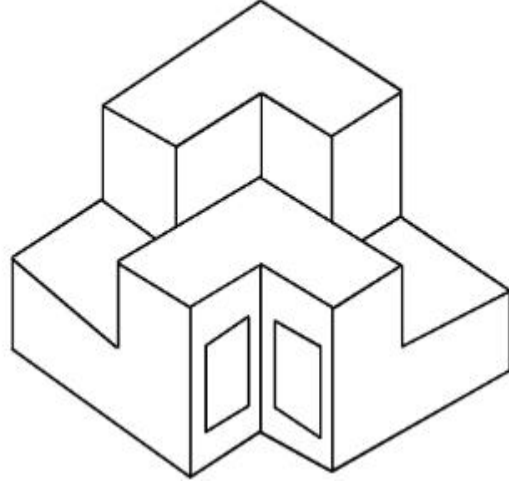


7155058346.

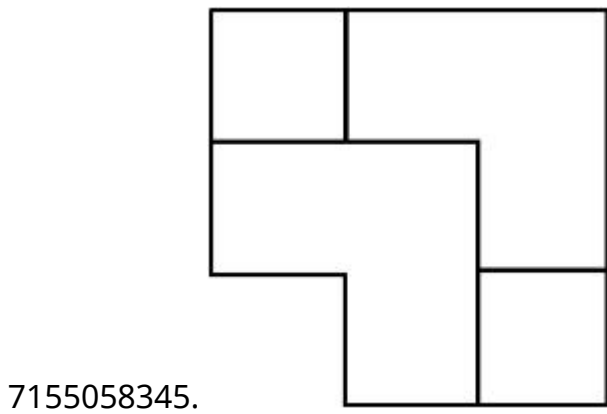
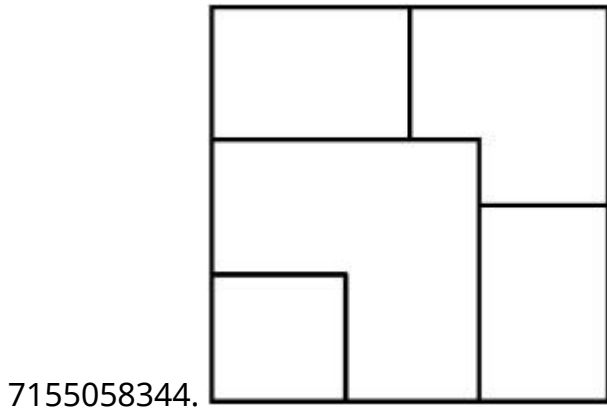
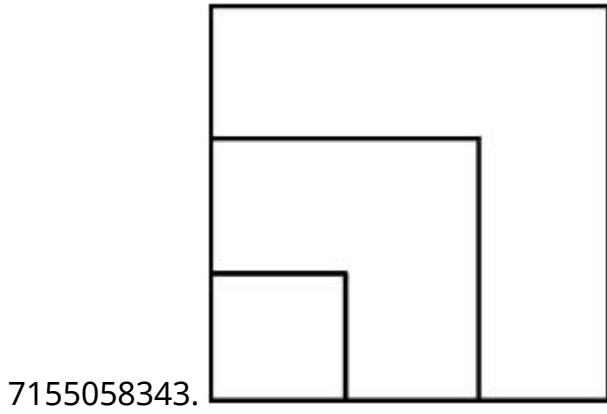
Question Number : 74 Question Id : 7155052642 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

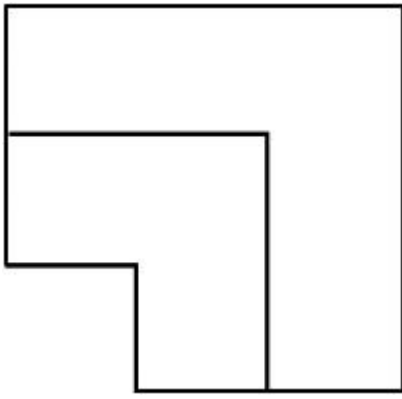
Correct Marks : 4 Wrong Marks : 1

ذیل دیے گئے متبادلات میں سے، 3-D سے صحیح منصبہ چنیے جب اوپر کی طرف سے دیکھا جاتا ہے۔



Options :



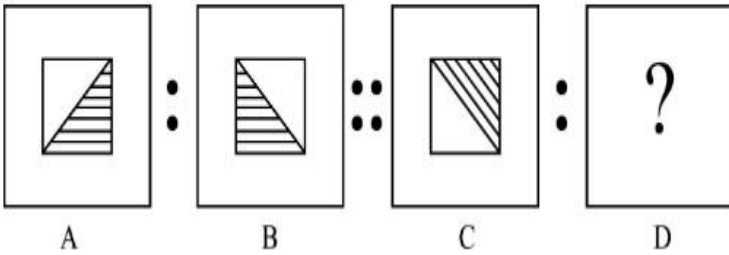


7155058346.

Question Number : 75 Question Id : 7155052643 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The second figure in the first part of the problem figures bears certain relationship to the first figure. Similarly, one of the figures of answer figures bears the same relationship to the first figure of the second part. Identify the correct option from the given answer figures.



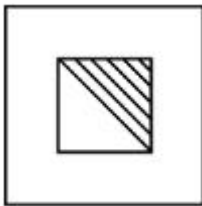
A

B

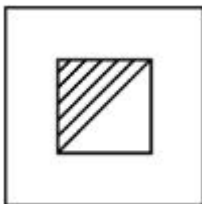
C

D

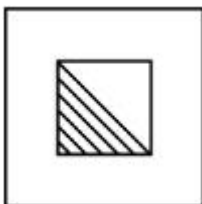
Options :



7155058347.



7155058348.



7155058349.

7155058350.



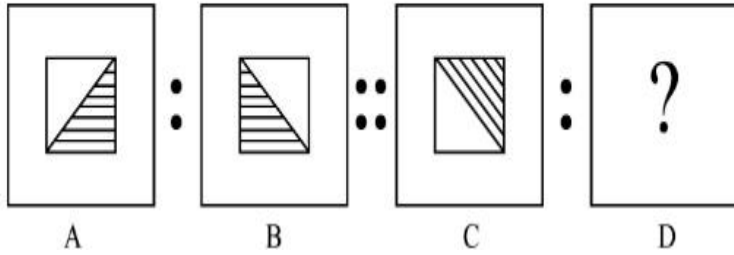
Question Number : 75 Question Id : 7155052643 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

دی گئی شکل کے پہلے حصہ کی دوسری شکل پہلی شکل سے وہی رشتہ رکھتی ہے جو جوابی شکلوں میں دی گئی ایک شکل سے گئی سوالیہ شکل کے دوسرے حصہ کی پہلی شکل سے رکھتی ہے۔ دی گئی جوابی شکل میں سے صحیح متبادل کو پہچانیے :

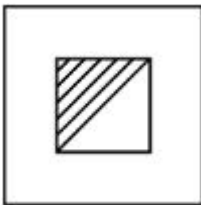


Options :

7155058347.



7155058348.



7155058349.



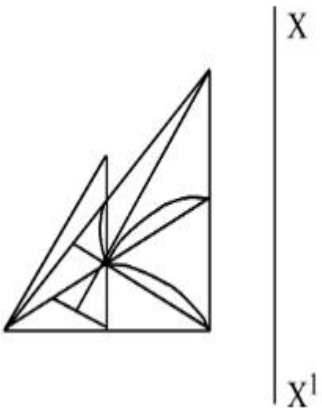
7155058350.



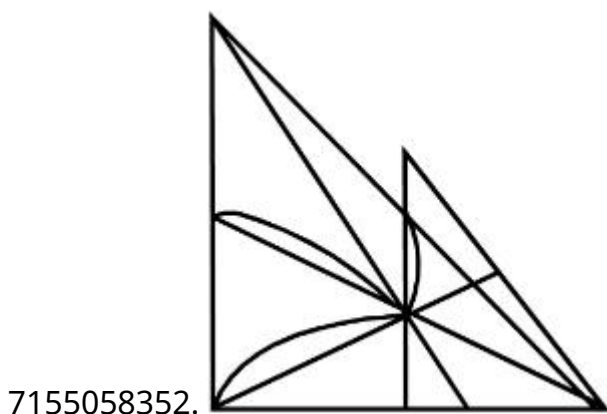
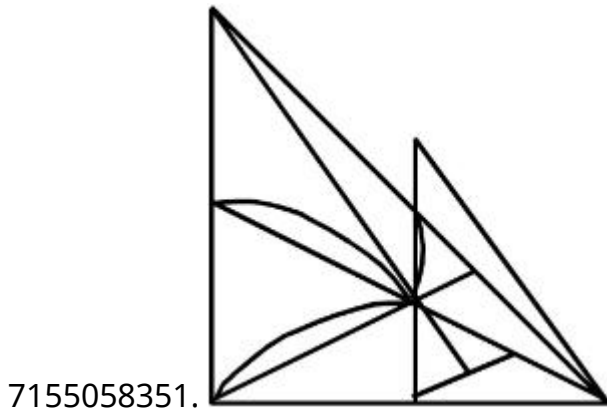
Question Number : 76 Question Id : 7155052644 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

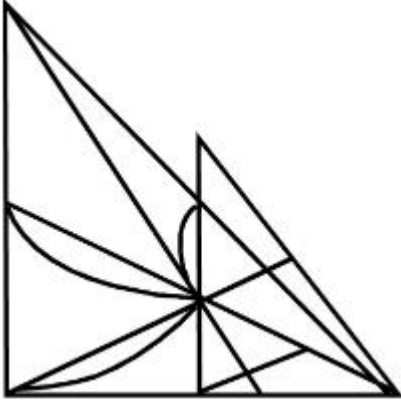
Identify the true mirror image of the figure amongst the answer figures with respect to X-X



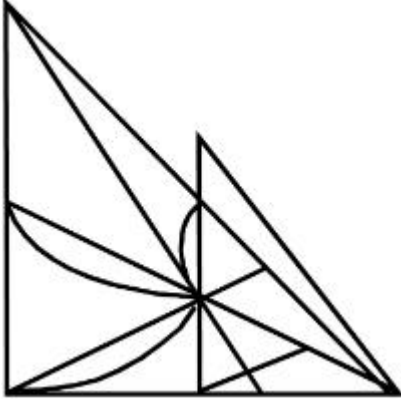
Options :



7155058353.



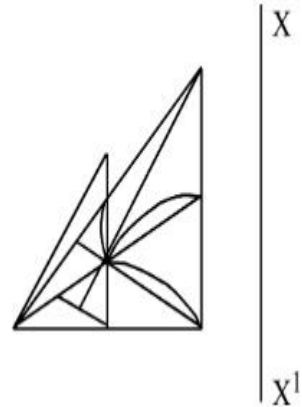
7155058354.



Question Number : 76 Question Id : 7155052644 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

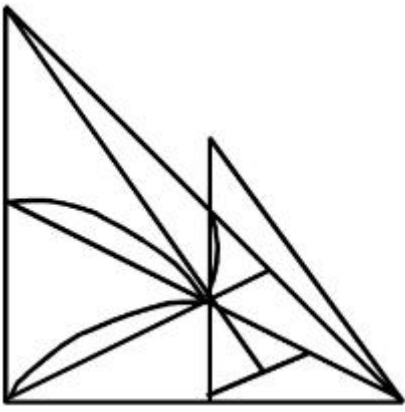
Correct Marks : 4 Wrong Marks : 1

دی گئی جوابی شکلوں میں سے سوالیہ شکل کی صحیح معکوس شبیہ کو پہچانیے۔ جو کہ X-X کے لحاظ سے دیکھی جائے

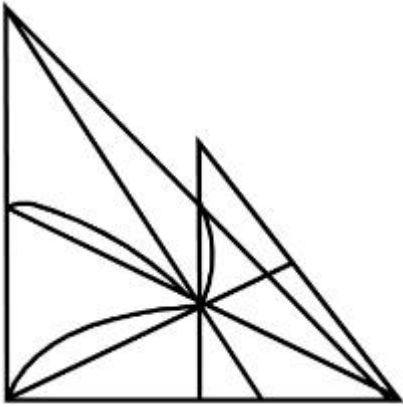


Options :

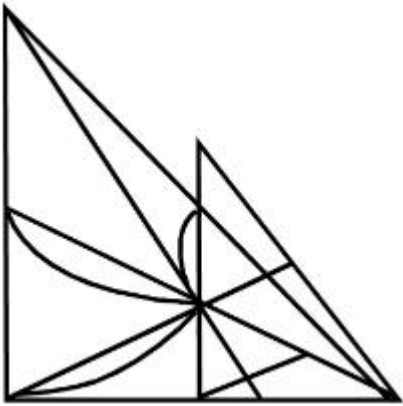
7155058351.



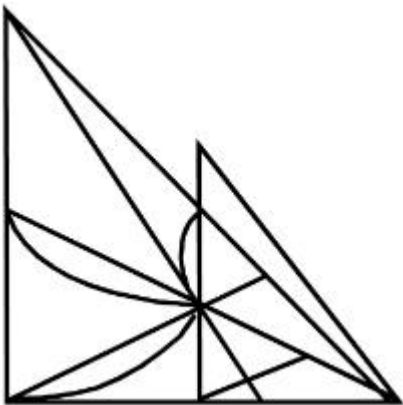
7155058352.



7155058353.



7155058354.

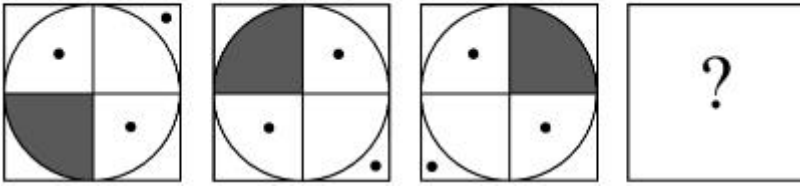


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

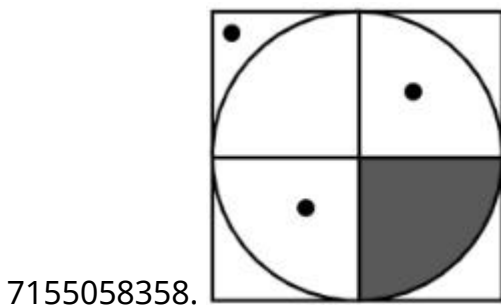
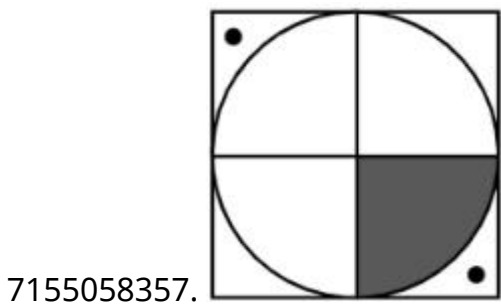
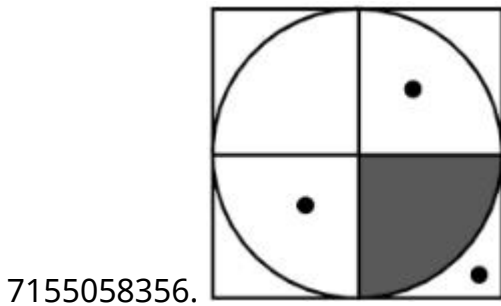
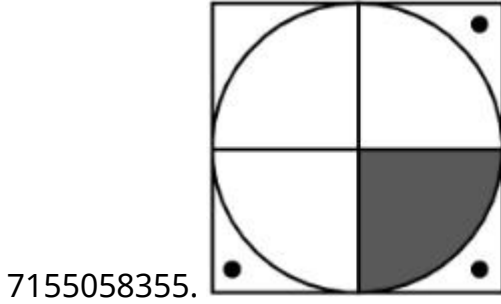
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

سلسلے کو پورا کرنے والے متبادل کو پہچانیے۔



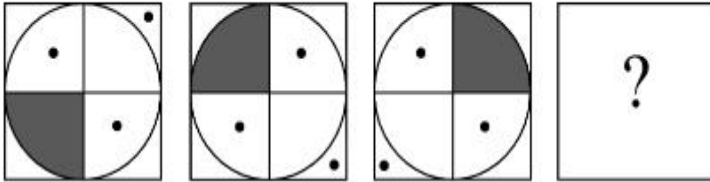
Options :



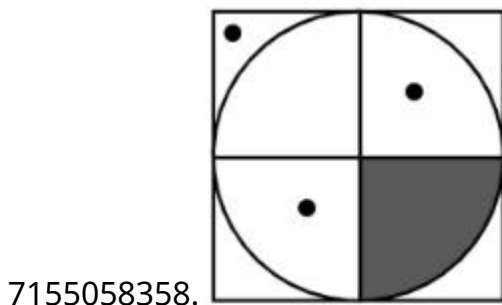
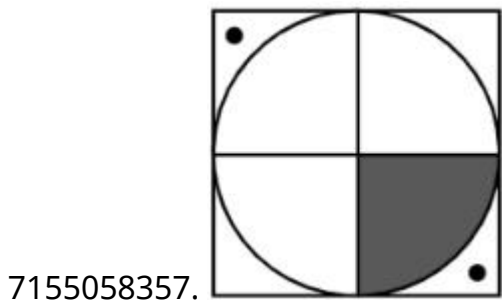
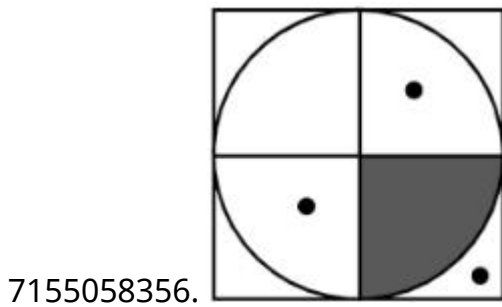
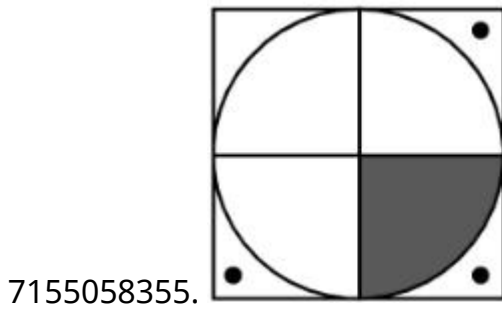
Question Number : 77 Question Id : 7155052645 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the correct option amongst the answer figures which complete the series.



Options :



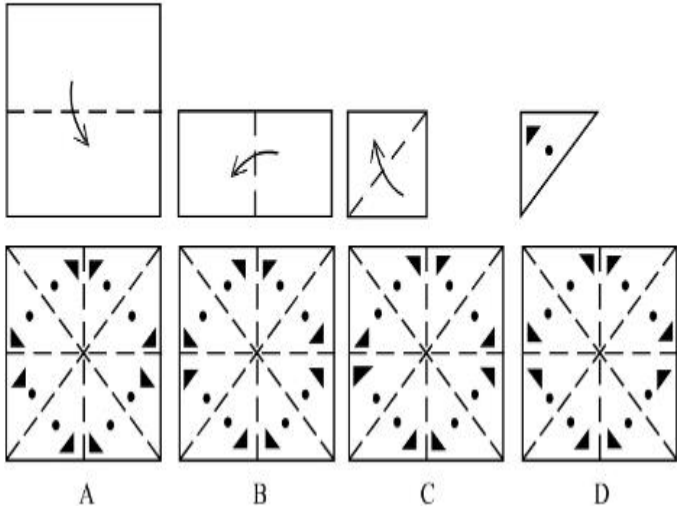
Question Number : 78 Question Id : 7155052646 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Sheet is folded in marked format and cut led at last as shown. Identify from the options below, how the pattern will be made when it's fully unfold?



Options :

7155058359. B

7155058360. A

7155058361. D

7155058362. C

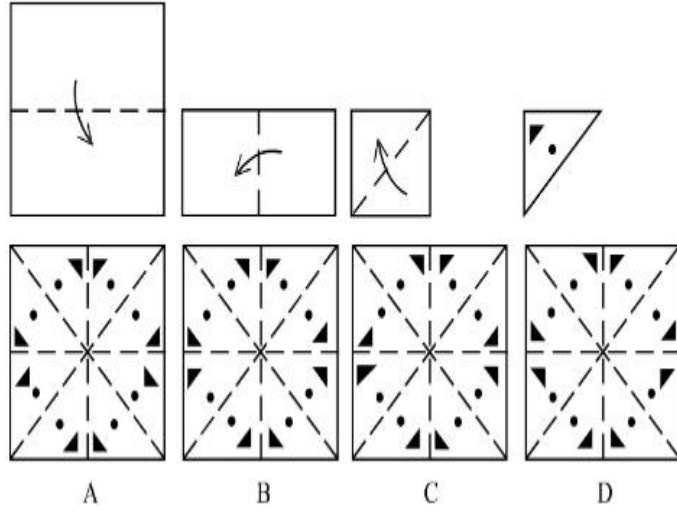
Question Number : 78 Question Id : 7155052646 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ایک شیٹ کو لگائے گئے نشان کے حساب سے کاٹا گیا ہے جیسا کہ شکل میں دکھایا گیا ہے۔ اس کو کھولنے پر بننے والے بیٹرن کو متبادلات میں سے پہچانیے۔



Options :

7155058359. B

7155058360. A

7155058361. D

7155058362. C

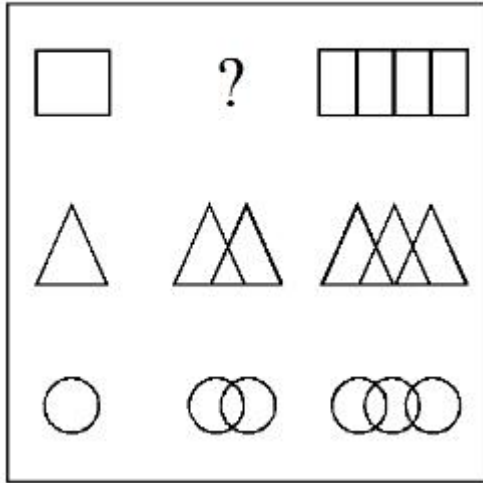
Question Number : 79 Question Id : 7155052647 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

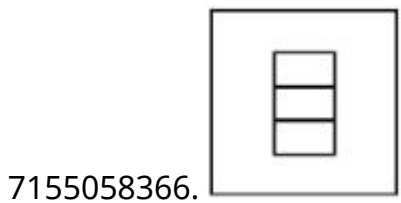
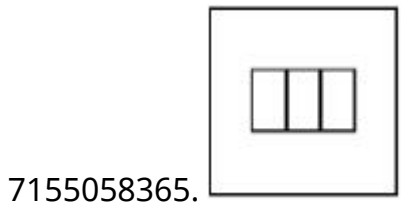
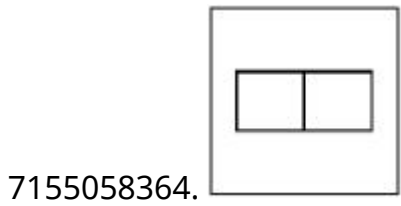
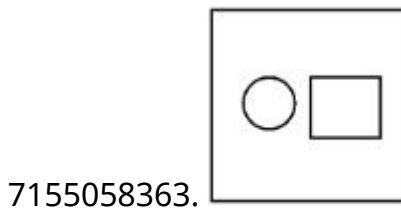
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the figure mentioned below find the missing series:-

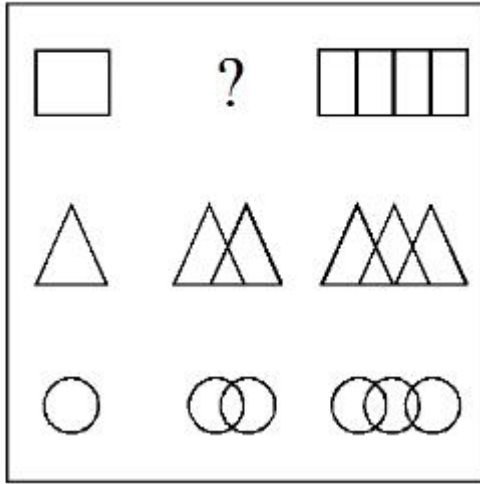


Options :

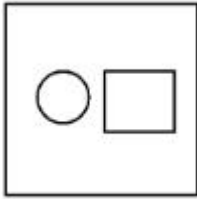


Question Number : 79 Question Id : 7155052647 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

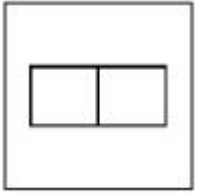
- ذیل میں دی گئی شکل میں غیر موجود سلسلہ کو پہچانیے



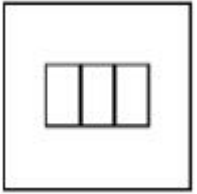
Options :



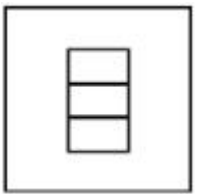
7155058363.



7155058364.



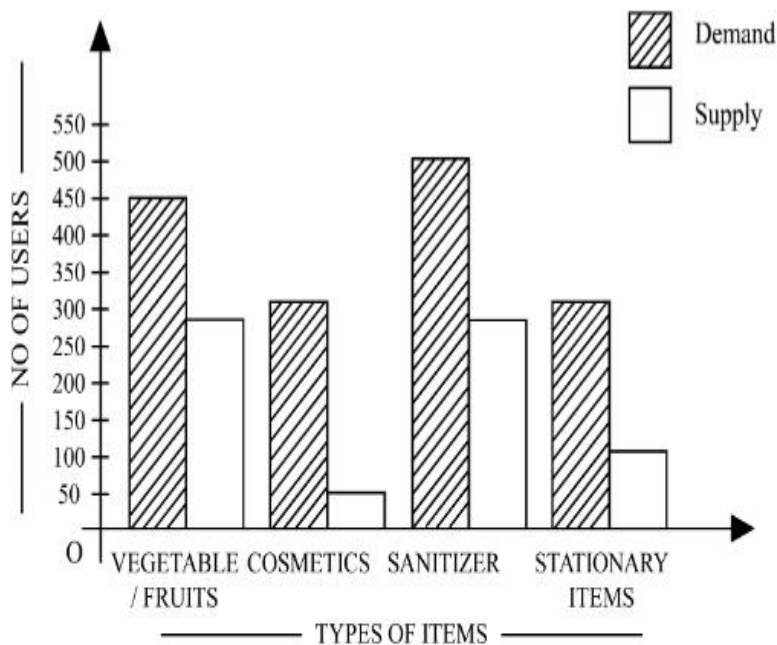
7155058365.



7155058366.

Question Number : 80 Question Id : 7155052648 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



The diagram shows the supply and demand of different users for different items. Which of the following is/are correct?

- A. Sanitizer only meet 50% of the demand
- B. Cosmetics has the least supply among all.
- C. Among all, two items have equal demand but difference in supply
- D. Among all, two items have equal supply and two items have equal demand.

Choose the correct answer from the options given below:-

Options :

7155058367. B and D only

7155058368. A and B only

7155058369. A and C only

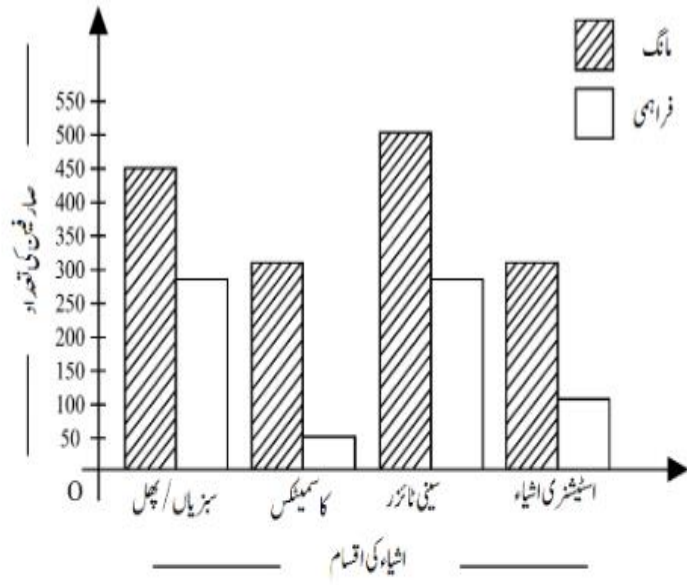
7155058370. B, C and D only

Question Number : 80 Question Id : 7155052648 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



خاکہ میں مختلف صارفین کے لیے مختلف اشیاء کی مانگ اور فراہمی کو دکھایا گیا ہے۔ مندرجہ ذیل میں سے کون سا صحیح ہے۔

- A. سینی ٹائزر مانگ کا صرف 50% ہے۔
- B. کاسمیٹکس کی فراہمی سب سے کم ہے۔
- C. سبھی میں دو اشیاء کی مانگ برابر ہے لیکن فراہمی مختلف ہے۔
- D. سبھی میں، دو اشیاء کی فراہمی برابر ہے لیکن مانگ مختلف ہے۔

مندرجہ ذیل متبادلات میں سے صحیح جواب چنیے

Options :

7155058367. B اور D صرف

7155058368. A اور B صرف

7155058369. A اور C صرف

7155058370. B, C اور D صرف

Drawing

Section Id :

715505162

Section Number :

4

Section type :

Offline

Mandatory or Optional :

Mandatory

Number of Questions :	2
Number of Questions to be attempted :	2
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505162
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 81 Question Id : 7155052649 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

Draw a proportionate sketch of given reference image. Use black and white rendering techniques of your choice.



Question Number : 81 Question Id : 7155052649 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

دی گئی شکل کی پروپورشنیٹ اسکیچ بنائیں۔ اپنی پسند کی سیاہ اور سفید ریٹرننگ ٹیکنیک کا استعمال کرتے ہوئے۔



Question Number : 82 Question Id : 7155052650 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

Use the basic 2D shapes found in a motor cycle and create an interesting 2D composition of your choice, colour with any three colours of your choice.

Question Number : 82 Question Id : 7155052650 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

موٹر سائیکل کی پائے جانے والی عام سی 2D شکل کا استعمال کریں اور اپنے پسند کا دلچسپ 2D کمپوزیشن بنائیں، اور پھر اپنے پسند کے کسی تین رنگ سے رنگیے: