

# National Testing Agency

<b>Question Paper Name :</b>	B PLANNING 28th Jan 2023 Shift 2
<b>Subject Name :</b>	B PLANNING
<b>Creation Date :</b>	2023-01-28 23:48:18
<b>Duration :</b>	180
<b>Total Marks :</b>	400
<b>Display Marks:</b>	Yes

## **B PLANNING**

<b>Group Number :</b>	1
<b>Group Id :</b>	71550528
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	400
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## **Mathematics Section A**

<b>Section Id :</b>	715505155
<b>Section Number :</b>	1

<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	715505155
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 7155052464 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 :**

7155057691.  $R_1$  is transitive but  $R_2$  is not transitive

7155057692.  $R_2$  is transitive but  $R_1$  is not transitive

7155057693. Both  $R_1$  and  $R_2$  are transitive

7155057694. Neither  $R_1$  nor  $R_2$  is transitive

Question Number : 1 Question Id : 7155052464 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 :

7155057691.  $R_1$  ایک انتقالی ہے لیکن  $R_2$  ایک انتقالی نہیں ہے۔

7155057692.  $R_2$  ایک انتقالی ہے لیکن  $R_1$  ایک انتقالی نہیں ہے۔

7155057693.  $R_1$  اور  $R_2$  دونوں انتقالی ہیں۔

7155057694. نہ تو  $R_1$  اور نہ ہی  $R_2$  انتقالی ہے۔

Question Number : 2 Question Id : 7155052465 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  $\alpha$  and  $\beta$  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 :

7155057695. 1

7155057696.  $\frac{1}{9}$

7155057697. 3

7155057698. 9

**Question Number : 2 Question Id : 7155052465 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 :**

7155057695. 1

7155057696.  $\frac{1}{9}$

7155057697. 3

7155057698. 9

**Question Number : 3 Question Id : 7155052466 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 :**

7155057699. 1153

7155057700. 947

7155057701. 537

7155057702. 837

**Question Number : 3 Question Id : 7155052466 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 مقیاس (modulus) ہے  $2z^3 + 21z^2 - 58z + 4$

**Options :**

7155057699. 1153

7155057700. 947

7155057701. 537

7155057702. 837

**Question Number : 4 Question Id : 7155052467 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 :**

7155057703. 27

7155057704.  $\frac{1}{3}$

7155057705. 9

7155057706. 3

**Question Number : 4 Question Id : 7155052467 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 :**

7155057703. 27

7155057704.  $\frac{1}{3}$

7155057705. 9

7155057706. 3

Question Number : 5 Question Id : 7155052468 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 :

7155057707.  $2\sqrt{3}$

7155057708.  $2\sqrt{2}$

7155057709. 4

7155057710. 2

Question Number : 5 Question Id : 7155052468 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 :

7155057707.  $2\sqrt{3}$

7155057708.  $2\sqrt{2}$

7155057709. 4

7155057710. 2

**Question Number : 6 Question Id : 7155052469 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 :**

7155057711.  $\frac{61}{133}$

7155057712.  $\frac{66}{133}$

7155057713.  $\frac{16}{33}$

7155057714.  $\frac{33}{67}$

**Question Number : 6 Question Id : 7155052469 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 :**

7155057711.  $\frac{61}{133}$

7155057712.  $\frac{66}{133}$



7155057713.  $\frac{16}{33}$

7155057714.  $\frac{33}{67}$

**Question Number : 7 Question Id : 7155052470 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 :**

7155057715. e

7155057716.  $e^3$

7155057717.  $e^6$

7155057718.  $e^9$

**Question Number : 7 Question Id : 7155052470 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 :**

7155057715. e

7155057716.  $e^3$

7155057717.  $e^6$

7155057718.  $e^9$

**Question Number : 8 Question Id : 7155052471 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 :**

7155057719. 90

7155057720. 180

7155057721. 360

7155057722. 270

**Question Number : 8 Question Id : 7155052471 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 :**

7155057719. 90

7155057720. 180

7155057721. 360

7155057722. 270

**Question Number : 9 Question Id : 7155052472 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 :**

7155057723. 8820

7155057724. 10584

7155057725. 1764

7155057726. 3515

**Question Number : 9 Question Id : 7155052472 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 :**

7155057723. 8820

7155057724.10584

7155057725.1764

7155057726.3515

**Question Number : 10 Question Id : 7155052473 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 :**

7155057727.19

7155057728. -19

7155057729.18

7155057730. -21

**Question Number : 10 Question Id : 7155052473 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 :**

7155057727.19

7155057728. -19

7155057729. 18

7155057730. -21

**Question Number : 11 Question Id : 7155052474 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 :**

7155057731.  $\sqrt{2}$

7155057732. 2

7155057733.  $2\sqrt{2}$

7155057734. 4

**Question Number : 11 Question Id : 7155052474 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 :**

7155057731.  $\sqrt{2}$

7155057732. 2

7155057733.  $2\sqrt{2}$

7155057734. 4

**Question Number : 12 Question Id : 7155052475 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( $\alpha$ , -11). If the point R moves on the line  $l_1: 9x + 7y + \alpha = 0$ , then the centroid of  $\Delta PQR$  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 :**

7155057735. 117

7155057736. 129

7155057737. 131

7155057738. 133

**Question Number : 12 Question Id : 7155052475 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 :**

7155057735. 117

7155057736. 129

7155057737. 131

7155057738. 133

**Question Number : 13 Question Id : 7155052476 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 1<sup>st</sup> 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 :**

7155057739. 12

7155057740. 30

7155057741. 24

7155057742. 48

Question Number : 13 Question Id : 7155052476 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 نقطوں 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 :

7155057739. 12

7155057740. 30

7155057741. 24

7155057742. 48

Question Number : 14 Question Id : 7155052477 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 :

7155057743. 5

7155057744. 7

7155057745. 9



7155057746. 11

**Question Number : 14 Question Id : 7155052477 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 :**

7155057743. 5

7155057744. 7

7155057745. 9

7155057746. 11

**Question Number : 15 Question Id : 7155052478 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 :**

7155057747. 5

7155057748. 13

7155057749. 19

7155057750. 27

Question Number : 15 Question Id : 7155052478 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 :

7155057747. 5

7155057748. 13

7155057749. 19

7155057750. 27

Question Number : 16 Question Id : 7155052479 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

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

Options :

7155057751. 3

7155057752. 4

7155057753. 5

7155057754. 6

**Question Number : 16 Question Id : 7155052479 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

$$\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k}) = 0, \vec{r} \cdot (\vec{b} - \vec{c}) = 0, \vec{r} \times \vec{a} = (\vec{b} + \vec{c}) \times \vec{a}$$

کس کے برابر ہے؟

**Options :**

7155057751. 3

7155057752. 4

7155057753. 5

7155057754. 6

**Question Number : 17 Question Id : 7155052480 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 :**

7155057755. 0

7155057756.  $\frac{1}{59}$

7155057757.  $\frac{3}{59}$

7155057758.  $\frac{7}{118}$

**Question Number : 17 Question Id : 7155052480 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 منسوبہ چنا گیا جذر مساوات  $x^7 = 1$  کو مطمئن کرتا ہے۔

**Options :**

7155057755. 0

7155057756.  $\frac{1}{59}$

7155057757.  $\frac{3}{59}$

7155057758.  $\frac{7}{118}$

**Question Number : 18 Question Id : 7155052481 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 :**

$$7155057759. \frac{29 \times 2^8}{3^9}$$

$$7155057760. \frac{25 \times 2^9}{3^9}$$

$$7155057761. \frac{163}{3^9}$$

$$7155057762. \frac{835}{3^9}$$

**Question Number : 18 Question Id : 7155052481 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 :**

$$7155057759. \frac{29 \times 2^8}{3^9}$$

$$7155057760. \frac{25 \times 2^9}{3^9}$$

$$7155057761. \frac{163}{3^9}$$

$$7155057762. \frac{835}{3^9}$$

**Question Number : 19 Question Id : 7155052482 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 :**

7155057763.  $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155057764.  $\left[\frac{3}{5}, \infty\right)$

7155057765.  $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155057766.  $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

**Question Number : 19 Question Id : 7155052482 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 :**

7155057763.  $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155057764.  $\left[\frac{3}{5}, \infty\right)$

7155057765.  $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155057766.  $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

Question Number : 20 Question Id : 7155052483 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 :

7155057767.  $((p \Rightarrow q) \vee p) \Rightarrow q$

7155057768.  $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155057769.  $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155057770.  $((p \Rightarrow q) \vee p) \Rightarrow p$

Question Number : 20 Question Id : 7155052483 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 :

7155057767.  $((p \Rightarrow q) \vee p) \Rightarrow q$

7155057768.  $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155057769.  $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155057770.  $((p \Rightarrow q) \vee p) \Rightarrow p$

<b>Section Id :</b>	715505156
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	5
<b>Section Marks :</b>	20
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	715505156
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number : 21 Question Id : 7155052484 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 : 7155052484 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 :** 7155052485 **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 :** 7155052485 **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 :** 7155052486 **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 :** 7155052486 **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 :** 7155052487 **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 : 7155052487 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 : 7155052488 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 :** 7155052488 **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 :** 7155052489 **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 : 7155052489 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 : 7155052490 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 : 7155052490 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 : 7155052491 Question Type : SA Calculator : None**

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

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

Let  $\alpha_1, \alpha_2$  be the values of  $\alpha$  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 \_\_\_\_\_ unit<sup>2</sup>.

**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 : 7155052491 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  $\alpha$  کی قدریں  $\alpha_1, \alpha_2$  ہیں اس طرح کہ نقطہ  $(2, 4, 3)$  اور مستوی  $3x + y + \alpha z + 10 = 0$  کے درمیان فاصلہ  
- ہے  $\sqrt{35}$  اکائی ہے۔ تب راسوں  $(\alpha_1, \alpha_2, 0)$ ،  $(\alpha_2, \alpha_1, 0)$  اور  $(\frac{164}{13}, 5, 0)$  والے مثلث کا رقبہ  $\text{unit}^2$  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 :** 7155052492 **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  $\alpha$  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 :** 7155052492 **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  $\alpha$  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 :** 7155052493 **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 :** 7155052493 **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

<b>Section Id :</b>	715505157
<b>Section Number :</b>	3
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	715505157
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number :** 31 **Question Id :** 7155052494 **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 :**

7155057781. Type of cement

7155057782. Type of floor finish

7155057783. Type of paint

7155057784. Type of Brick

**Question Number : 31 Question Id : 7155052494 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 :**

7155057781. سیمنٹ کی ایک قسم

7155057782. فرش کے فنش کی ایک قسم

7155057783. پینٹ کی ایک قسم

7155057784. اینٹ کی ایک قسم

**Question Number : 32 Question Id : 7155052495 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 :**

7155057785. Both Statement I and Statement II are correct

7155057786. Both Statement I and Statement II are incorrect

7155057787. Statement I is correct but statement II is incorrect

7155057788. Statement I is incorrect but statement II is correct

**Question Number : 32 Question Id : 7155052495 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 :**

7155057785. بیان I اور بیان II دونوں صحیح ہیں۔

7155057786. بیان I اور بیان II دونوں غلط ہیں۔

7155057787. بیان I صحیح جبکہ بیان II دونوں غلط ہیں۔

7155057788. بیان I غلط جبکہ بیان II دونوں صحیح ہیں۔

**Question Number : 33 Question Id : 7155052496 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 :**

7155057789. Both Statement I and Statement II are correct

7155057790. Both Statement I and Statement II are incorrect

7155057791. Statement I is correct but statement II is incorrect

7155057792. Statement I is incorrect but statement II is correct

**Question Number : 33 Question Id : 7155052496 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 :**

7155057789. بیان I اور بیان II دونوں صحیح ہیں۔

7155057790. بیان ا اور بیان II دونوں غلط ہیں۔

7155057791. بیان I صحیح جبکہ بیان II غلط ہے۔

7155057792. بیان I غلط جبکہ بیان II صحیح ہے۔

**Question Number : 34 Question Id : 7155052497 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 :**

7155057793. A-I, B-III, C-II, D-IV

7155057794. A-III, B-IV, C-I, D-II

7155057795. A-IV, B-II, C-III, D-I

7155057796. A-IV, B-III, C-I, D-II

**Question Number : 34 Question Id : 7155052497 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 :**

7155057793. A-I, B-III, C-II, D-IV

7155057794. A-III, B-IV, C-I, D-II

7155057795. A-IV, B-II, C-III, D-I

7155057796. A-IV, B-III, C-I, D-II

Question Number : 35 Question Id : 7155052498 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 :**

7155057797. A-IV, B-II, C-I, D-III

7155057798. A-III, B-I, C-II, D-IV

7155057799. A-II, B-I, C-IV, D-III

7155057800. A-I, B-IV, C-III, D-II

Question Number : 35 Question Id : 7155052498 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. لوئیس آئی کاپن
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 :

7155057797. A-IV, B-II, C-I, D-III

7155057798. A-III, B-I, C-II, D-IV

7155057799. A-II, B-I, C-IV, D-III

7155057800. A-I, B-IV, C-III, D-II

Question Number : 36 Question Id : 7155052499 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 :

7155057801. Blue-Orange

7155057802. Red-Green

7155057803. Blue-Green

7155057804. Violet-Yellow

**Question Number : 36 Question Id : 7155052499 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 :**

7155057801. نیلا - نارنگی

7155057802. سرخ - ہرا

7155057803. نیلا - ہرا

7155057804. بنفشی - پیلا

**Question Number : 37 Question Id : 7155052500 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 :**

7155057805. Himachal Pradesh



7155057806. Uttarakhand

7155057807. Uttar Pradesh

7155057808. Madhya Pradesh

**Question Number : 37 Question Id : 7155052500 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 :**

7155057805. بھارت پریش

7155057806. اتر اکھنڈ

7155057807. اتر پریش

7155057808. مدھیہ پریش

**Question Number : 38 Question Id : 7155052501 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 :**

7155057809. Paris

7155057810. Dubai

7155057811. Kuala Lumpur

7155057812. New York

**Question Number : 38 Question Id : 7155052501 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 :**

7155057809. پیرس

7155057810. دہلی

7155057811. کوالالمپور

7155057812. نیویارک

**Question Number : 39 Question Id : 7155052502 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 :**

7155057813. Madhya Pradesh

7155057814. Odisha

7155057815. Karnataka

7155057816. Rajasthan

**Question Number : 39 Question Id : 7155052502 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 :**

7155057813. مدھیہ پردیش

7155057814. اڈیشہ

7155057815. کرناٹک

7155057816. راجستھان

**Question Number : 40 Question Id : 7155052503 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 :**

7155057817. Louis I Kahn

7155057818. Mohse Safdi

7155057819. Fariborz Sahba

7155057820. Richard Meyer

**Question Number : 40 Question Id : 7155052503 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 :**

7155057817. لوئس آئی کاہن

7155057818. موہسے سفدی

7155057819. فاریوز سہبا

7155057820. رچٹر مییر

**Question Number : 41 Question Id : 7155052504 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 :**

7155057821. A dead Bearer

7155057822. A Dumb Waiter

7155057823. A Jockey Boy

7155057824. A push upper

**Question Number : 41 Question Id : 7155052504 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 :**

7155057821. ایک ڈیڈ بیرر

7155057822. ایک دمب ریٹر

7155057823. ایک جاکی بائے

7155057824. ایک پنس اپر

**Question Number : 42 Question Id : 7155052505 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 :**

7155057825. Bhubaneswar-Puri

7155057826. Puri-Cuttack

7155057827. Bhubaneswar-Cuttack

7155057828. Bhubaneswar-Rourkela

**Question Number : 42 Question Id : 7155052505 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 :**

7155057825. بھینیشور - پُری

7155057826. پُری - کٹک

7155057827. بھینیشور - کٹک

7155057828. بھینیشور - راڑرکیلا

**Question Number : 43 Question Id : 7155052506 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 :**

7155057829. Mesopotamia-Harappa-Egyptian-Chinese

7155057830. Mesopotamia-Egyptian-Harappa-Chinese

7155057831. Mesopotamia-Chinese-Harappa-Egyptian

7155057832. Egyptian-Mesopotamia-Harappa-Sumerian

**Question Number : 43 Question Id : 7155052506 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 :**

7155057829. میسوپوٹامیا - ہڑپا - مصری - چینی

7155057830. میسوپوٹامیا - مصری - ہڑپا - چینی

7155057831. میسوپوٹامیا - چینی - ہڑپا - مصری

7155057832. مصری - میسوپوٹامیا - ہڑپا - سمیرین

**Question Number : 44 Question Id : 7155052507 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 :**

7155057833. Shah Jahan

7155057834. Jahangir

7155057835. Akbar

7155057836. Qutub ud-din Aibak

**Question Number : 44 Question Id : 7155052507 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 :**

7155057833. شاہ جہاں

7155057834. جہانگیر

7155057835. اکبر

7155057836. قطب الدین عیبک

**Question Number : 45 Question Id : 7155052508 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 :**

7155057837. North

7155057838. South

7155057839. East

7155057840. West

**Question Number : 45 Question Id : 7155052508 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**

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

**Options :**



7155057837. شمال

7155057838. جنوب

7155057839. مشرق

7155057840. مغرب

**Question Number : 46 Question Id : 7155052509 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 :**

7155057841. Raj Rewal

7155057842. Charles Correa

7155057843. Achyut Kanvinde

7155057844. Hafeez Contractor

**Question Number : 46 Question Id : 7155052509 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 :**

7155057841. راج ریول

7155057842. چارلس کوریا

7155057843. اچیوت کنوندے

7155057844. حفیظ کانٹریکٹر

**Question Number : 47 Question Id : 7155052510 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 :**

7155057845. Coastal Areas

7155057846. Plains

7155057847. Mountainous Region

7155057848. Desert Areas

**Question Number : 47 Question Id : 7155052510 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 :**

7155057845. ساحلی علاقے

7155057846. میدان

7155057847. پہاڑی علاقے

7155057848. ریگستانی علاقے

**Question Number : 48 Question Id : 7155052511 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 :**

7155057849. Marble

7155057850. Granite

7155057851. Shale

7155057852. Sand Stone

**Question Number : 48 Question Id : 7155052511 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 :**

7155057849. ماربل

7155057850. گرینائیٹ

7155057851. شیل

7155057852. سینڈ اسٹون

**Question Number : 49 Question Id : 7155052512 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 :**

7155057853. Radio Centric

7155057854. Grid-iron

7155057855. Linear

7155057856. Organic

**Question Number : 49 Question Id : 7155052512 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 :**

7155057853. ریڈیو سینٹرک

7155057854. گرڈ آئرن

7155057855. خطی

7155057856. آرگینک

**Question Number : 50 Question Id : 7155052513 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 :**

7155057857. Those facing North

7155057858. Those facing South

7155057859. Those facing East

7155057860. Those facing West

**Question Number : 50 Question Id : 7155052513 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 :**

7155057857. جن کا منہ شمال کی طرف ہے

7155057858. جن کا منہ جنوب کی طرف ہے

7155057859. جن کا منہ مشرق کی طرف ہے

7155057860. جن کا منہ مغرب کی طرف ہے

**Question Number : 51 Question Id : 7155052514 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 :**

7155057861. B.V Doshi

7155057862. C.P Kukreja

7155057863. Raj Rewal

7155057864. Bimal Patel

**Question Number : 51 Question Id : 7155052514 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 :**

7155057861. بی. وی. دوشی

7155057862. سی پی ککرچا

7155057863. راج ریول

7155057864. بمل پٹیل





**Question Number : 52 Question Id : 7155052515 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 :**

7155057865. A-II, B-I, C-IV, D-III

7155057866. A-I, B-III, C-IV, D-II





7155057867. A-I, B-II, C-III, D-IV

7155057868. A-IV, B-III, C-II, D-I

Question Number : 52 Question Id : 7155052515 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	
ایمیائر اسٹیٹ بلڈنگ	.I		.A
ہیگیا سوفیا	.II		.B
سٹنی اوپیرا ہاؤس	.III		.C
کولیزیم	.IV		.D

Options :

7155057865. A-II, B-I, C-IV, D-III

7155057866. A-I, B-III, C-IV, D-II







7155057867. A-I, B-II, C-III, D-IV

7155057868. A-IV, B-III, C-II, D-I

**Question Number : 53 Question Id : 7155052516 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 :**

7155057869. A-IV, B-I, C-II, D-III

7155057870. A-II, B-III, C-I, D-IV





7155057871. A-III, B-II, C-I, D-IV

7155057872. A-IV, B-III, C-II, D-I

Question Number : 53 Question Id : 7155052516 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	
I. ٹیسلا			A
II. فراری			B
III. پورشے			C
IV. ٹویوٹا			D

مندرجہ ذیل متبادلات میں سے صحیح جواب چنیے:

Options :

7155057869. A-IV, B-I, C-II, D-III

7155057870. A-II, B-III, C-I, D-IV

7155057871. A-III, B-II, C-I, D-IV

7155057872. A-IV, B-III, C-II, D-I

**Question Number : 54 Question Id : 7155052517 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 :**

7155057873. Both Statement I and Statement II are correct

7155057874. Both Statement I and Statement II are incorrect

7155057875. Statement I is correct but statement II is incorrect

7155057876. Statement I is incorrect but statement II is correct

**Question Number : 54 Question Id : 7155052517 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 :**

7155057873. بیان I اور بیان II دونوں صحیح ہیں۔

7155057874. بیان I اور بیان II دونوں غلط ہیں۔

7155057875. بیان I صحیح جبکہ بیان II دونوں غلط ہیں۔

7155057876. بیان I غلط جبکہ بیان II دونوں صحیح ہیں۔

**Question Number : 55 Question Id : 7155052518 Question Type : MCQ Option Shuffling : Yes Is**

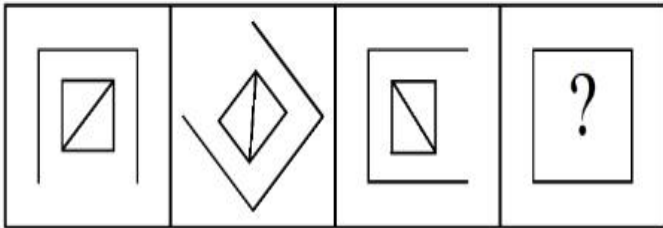
**Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0**

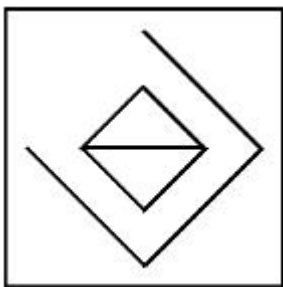
**Correct Marks : 4 Wrong Marks : 1**

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**

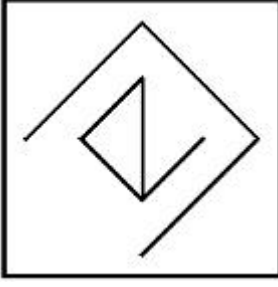


**Options :**

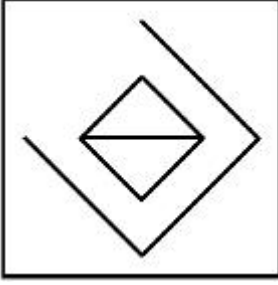


7155057877.

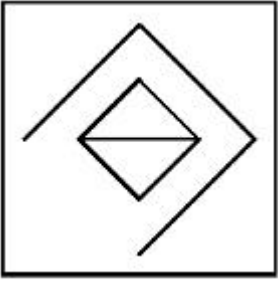
7155057878.



7155057879.



7155057880.

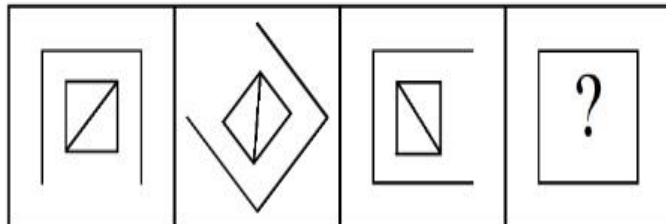


**Question Number : 55 Question Id : 7155052518 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

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

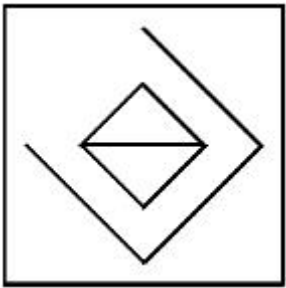
مندرجہ ذیل سوالات میں سوالیہ شکلیں اور ان کے بعد جوابی شکلیں دی گئی ہیں۔ جوابی شکلوں میں سے ایک شکل کو پہچانیے جو سوالیہ شکل میں موجود پیٹرن کو جاری رکھے۔

سوالیہ شکلیں

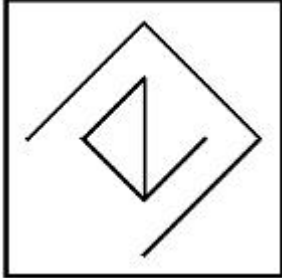


**Options :**

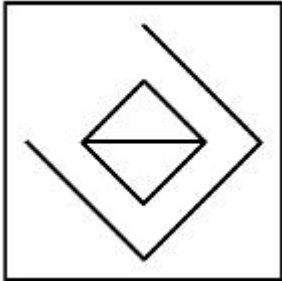
7155057877.



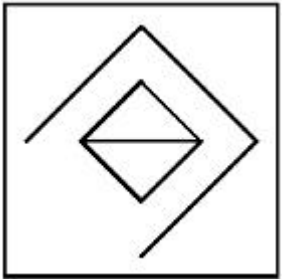
7155057878.



7155057879.



7155057880.



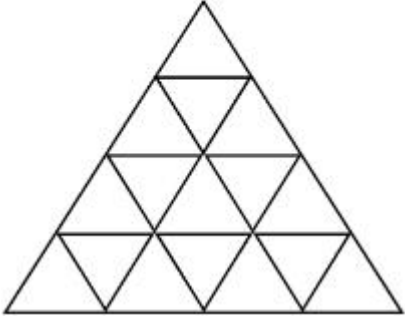
**Question Number : 56 Question Id : 7155052519 Question Type : MCQ Option Shuffling : Yes Is**

**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 :**

7155057881. 26

7155057882. 25

7155057883. 27

7155057884. 24

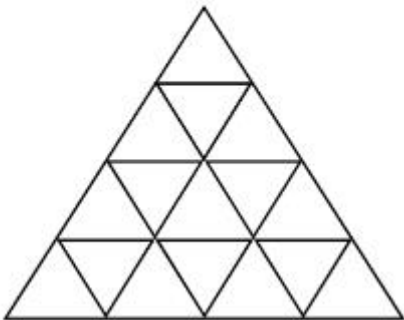
**Question Number : 56 Question Id : 7155052519 Question Type : MCQ Option Shuffling : Yes Is**

**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 :**

7155057881. 26

7155057882. 25

7155057883. 27

7155057884. 24

**Question Number : 57 Question Id : 7155052520 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 :**

7155057885. 59

7155057886. 32

7155057887. 25

7155057888. 9

**Question Number : 57 Question Id : 7155052520 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 :**

7155057885. 59

7155057886. 32



7155057887. 25

7155057888. 9

**Question Number : 58 Question Id : 7155052521 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 :**

7155057889. 45.6 meter

7155057890. 50 meter

7155057891. 50.4 meter

7155057892. 51.6 meter

**Question Number : 58 Question Id : 7155052521 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 ملا کر)۔ اس کے علاوہ باقی منازل 3.3 میٹر اونچائی ہیں (سلیب کی موٹائی کو ملا کر)۔ عمارت کی کل اونچائی کیا ہے (تحت سے چھت تک) میٹر میں؟

**Options :**

7155057889. 45.6 میٹر

7155057890. 50 میٹر

7155057891. 50.4 میٹر

7155057892. 51.6 میٹر

**Question Number : 59 Question Id : 7155052522 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 :**

7155057893. 22ECCU2

7155057894. 22ECCU2

7155057895. SUCCESS

7155057896. SSECCUS

**Question Number : 59 Question Id : 7155052522 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 :**

7155057893. 22ECCU22

7155057894. 22ECCU22

7155057895. SUCCESS

7155057896. SSECCUS

**Question Number : 60 Question Id : 7155052523 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 :**

7155057897. 0.7 km

7155057898. 7000 mm

7155057899. 7 km

7155057900. 70 meter

**Question Number : 60 Question Id : 7155052523 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 :**

7155057897. 0.7 km

7155057898. 7000 mm

7155057899. 7 km

7155057900. 70 میٹر

**Question Number : 61 Question Id : 7155052524 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 :**

7155057901. 8 meter  $\times$  4 meter

7155057902. 80 meter  $\times$  40 meter

7155057903. 8 centimeter  $\times$  4 centimeter

7155057904. 4 meter  $\times$  2 meter

**Question Number : 61 Question Id : 7155052524 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 سائز کی ایک زمین کو ایک پیپر پر 1:100 پیمانے پر بنایا جاتا ہے۔ تو پیپر پر زمین کا سائز کیا ہوگا؟

**Options :**

7155057901. 8 meter × 4 meter

7155057902. 80 meter × 40 meter

7155057903. 8 centimeter × 4 centimeter

7155057904. 4 meter × 2 meter

**Question Number : 62 Question Id : 7155052525 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 :**

7155057905. 523

7155057906. 521

7155057907. 524

7155057908. 520

**Question Number : 62 Question Id : 7155052525 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 :**

7155057905. 523

7155057906. 521

7155057907. 524

7155057908. 520

**Question Number : 63 Question Id : 7155052526 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 :**

7155057909. KVCMA

7155057910. KWCNB

7155057911. KUCLA

7155057912. KVCNA

**Question Number : 63 Question Id : 7155052526 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 :**

7155057909. KVCMA

7155057910. KWCNB

7155057911. KUCLA

7155057912. KVCNA

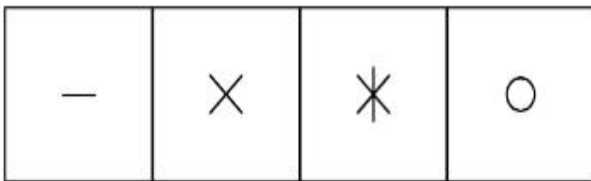
**Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is**

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

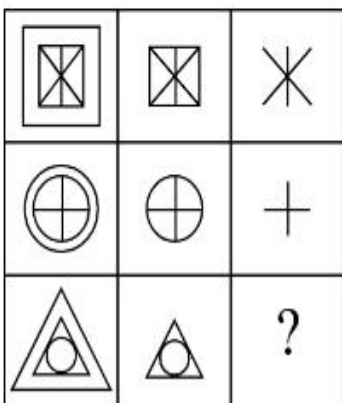
**Instruction Time : 0**

**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 :**

7155057913. D

7155057914. C

7155057915. B

7155057916. A

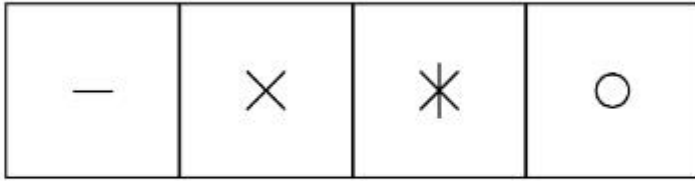
Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is

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۔

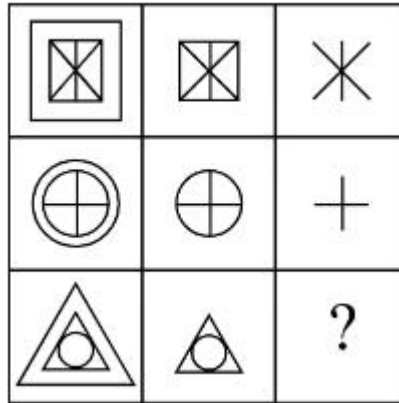


(A)

(B)

(C)

(D)



Options :

7155057913. D

7155057914. C

7155057915. B

7155057916. A



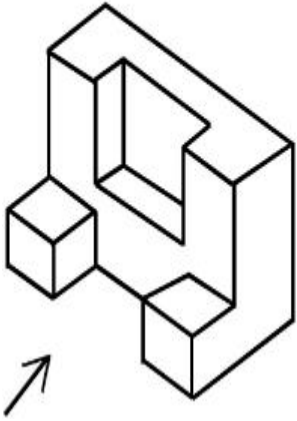
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is

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

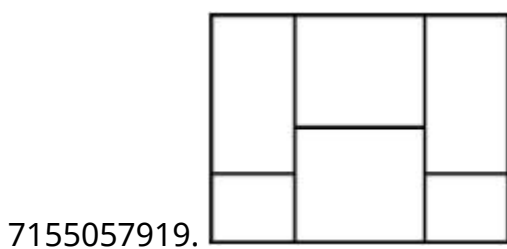
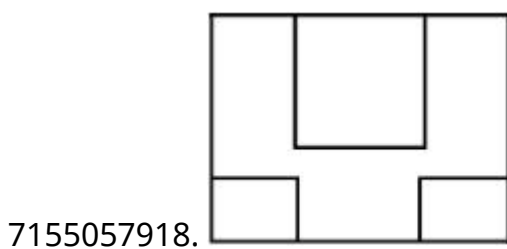
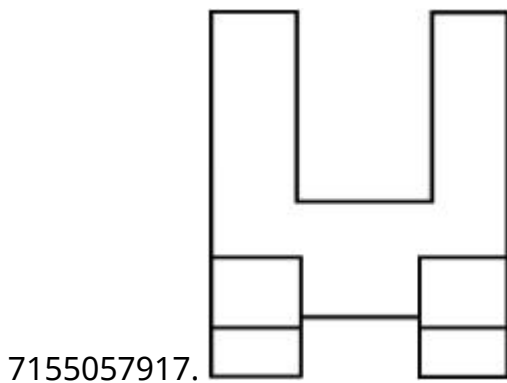
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

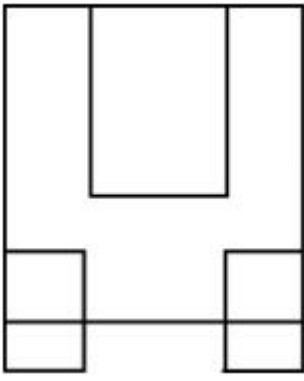
The 3D figure shows the view of an object. Looking in the direction of arrow, identify the most appropriate elevation from the given answer figures.



Options :



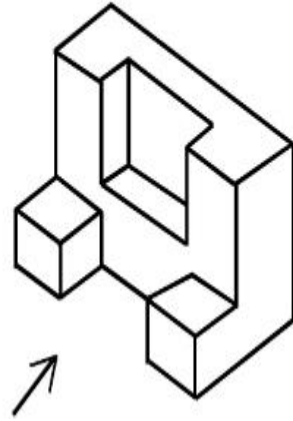
7155057920.



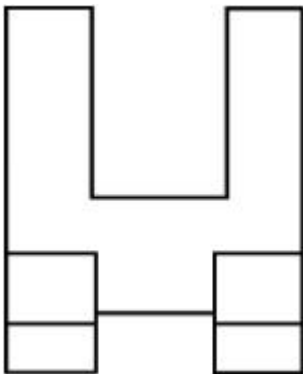
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is  
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum  
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

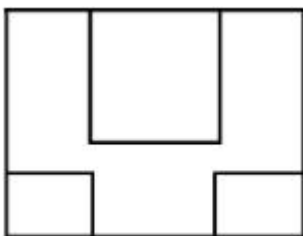
3D شکل ایک شے کے منظر کو دکھاتی ہے۔ تیر کی سمت میں دیکھنے پر دیے گئے جوابی شکلوں میں سب سے مناسب  
سامنے کا منظر پہچانیے:



Options :

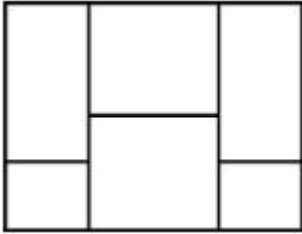


7155057917.

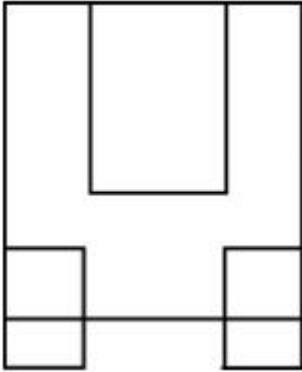


7155057918.

7155057919.



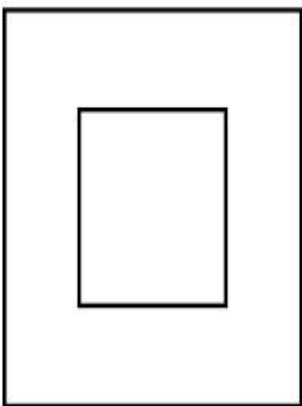
7155057920.



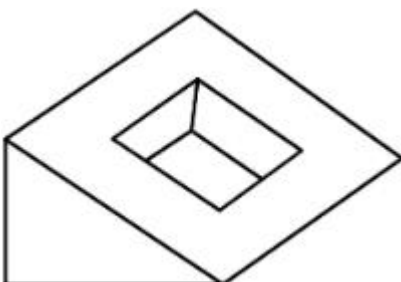
**Question Number : 66 Question Id : 7155052529 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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.

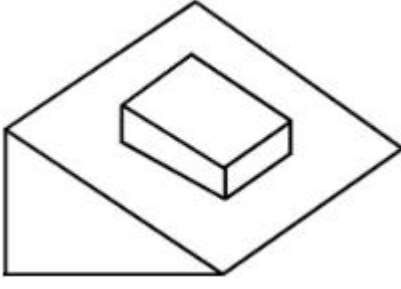


**Options :**

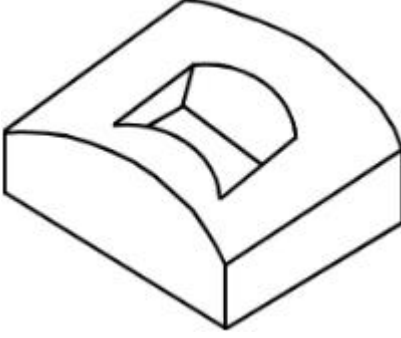


7155057921.

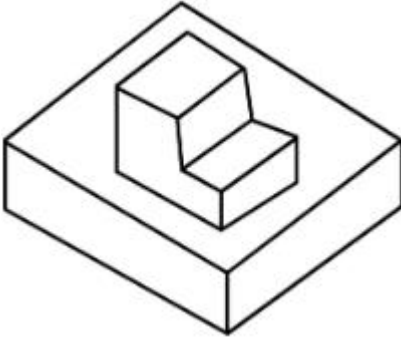
7155057922.



7155057923.



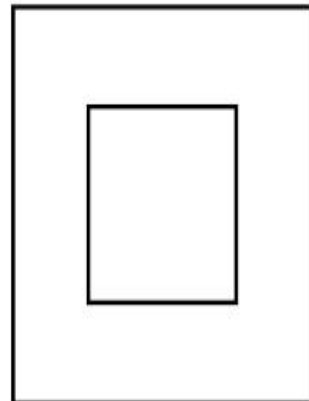
7155057924.



**Question Number : 66 Question Id : 7155052529 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

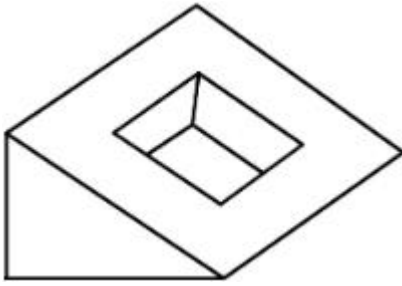
**Correct Marks : 4 Wrong Marks : 1**

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

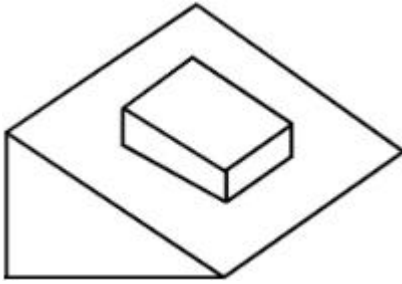


**Options :**

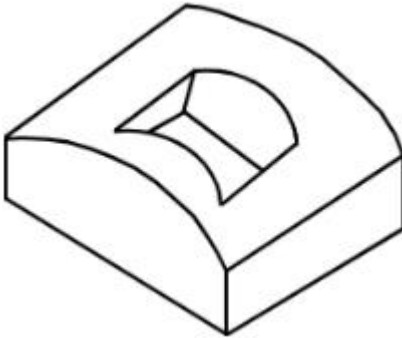
7155057921.



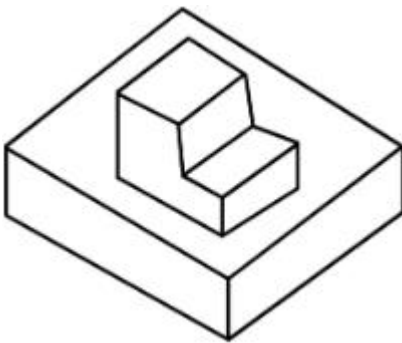
7155057922.



7155057923.



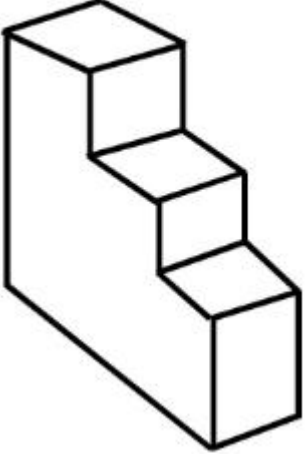
7155057924.



**Question Number : 67 Question Id : 7155052530 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 :**

7155057925. 9

7155057926. 10

7155057927. 8

7155057928. 11

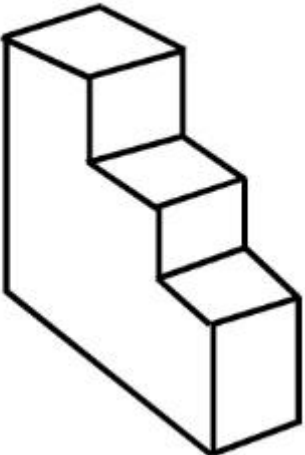
**Question Number : 67 Question Id : 7155052530 Question Type : MCQ Option Shuffling : Yes Is**

**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 :**

7155057925. 9

7155057926. 10

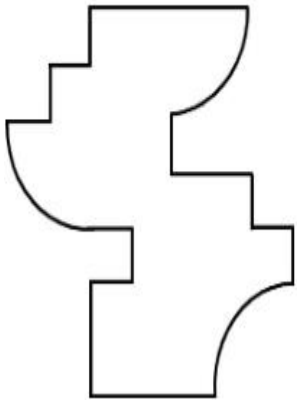
7155057927. 8

7155057928. 11

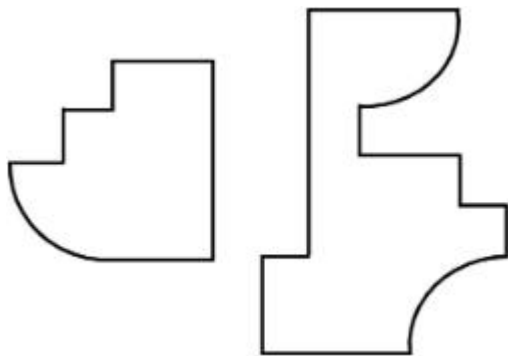
**Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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 :**

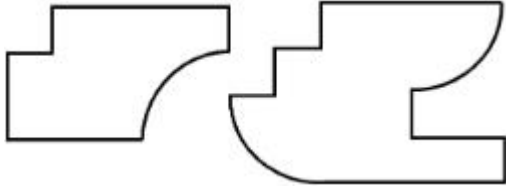


7155057929.

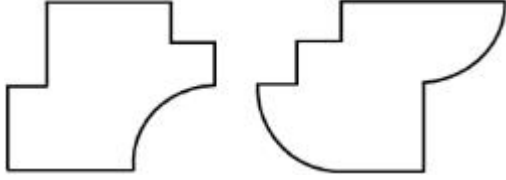


7155057930.

7155057931.



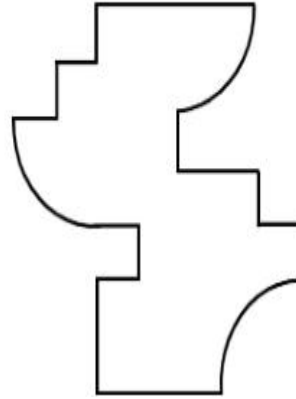
7155057932.



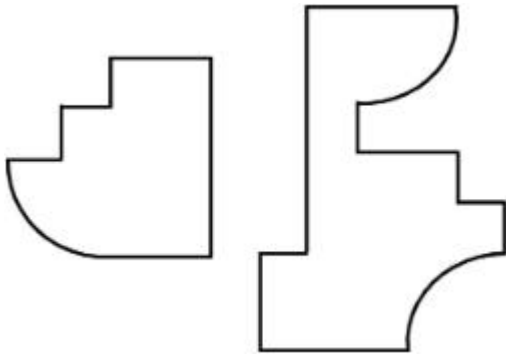
**Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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 لاپ کے مکمل کرتا ہے؟



**Options :**



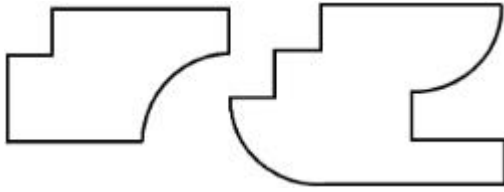
7155057929.

7155057930.

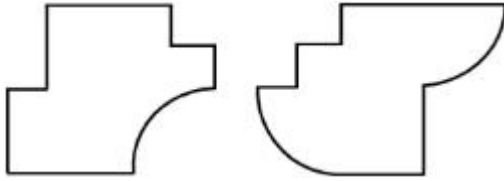




7155057931.



7155057932.



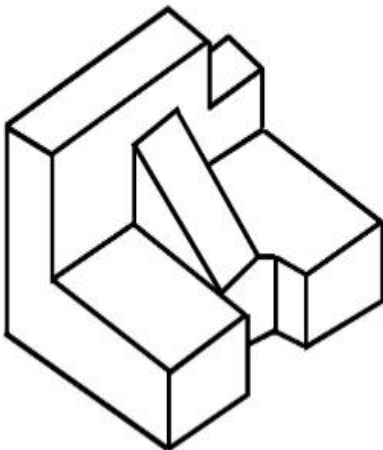
**Question Number : 69 Question Id : 7155052532 Question Type : MCQ Option Shuffling : Yes Is**

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

**Instruction Time : 0**

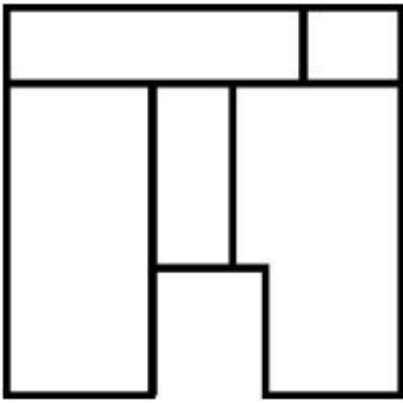
**Correct Marks : 4 Wrong Marks : 1**

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

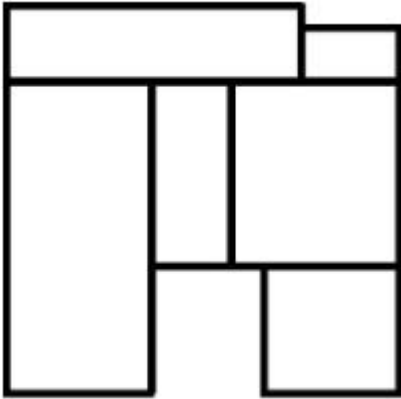


**Options :**

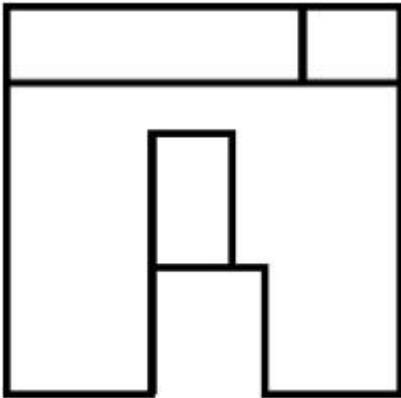
7155057933.



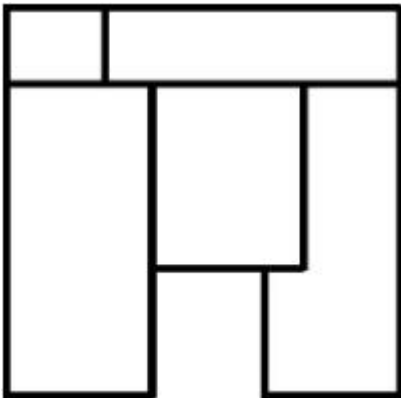
7155057934.



7155057935.



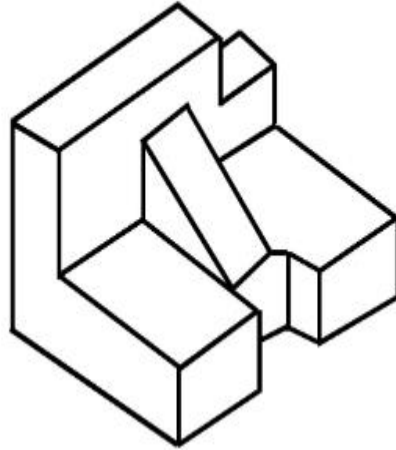
7155057936.



Instruction Time : 0

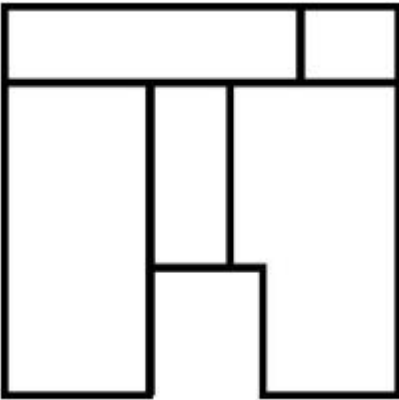
Correct Marks : 4 Wrong Marks : 1

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

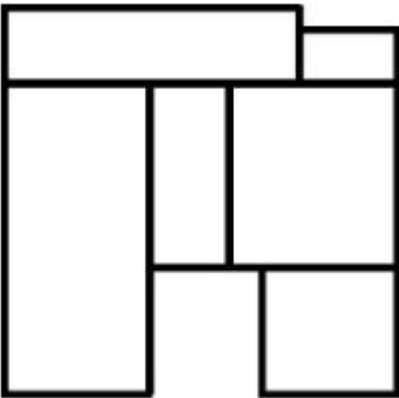


Options :

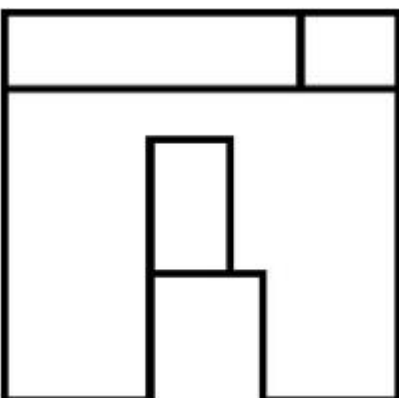
7155057933.



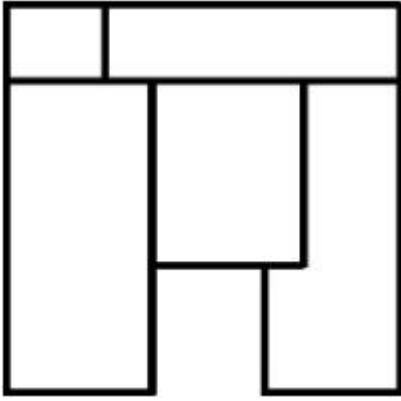
7155057934.



7155057935.



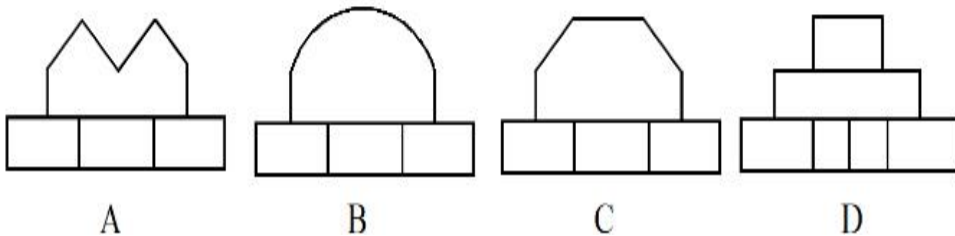
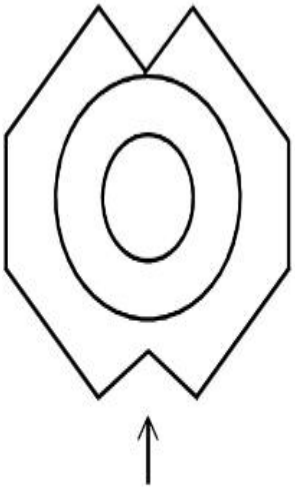
7155057936.



**Question Number : 70 Question Id : 7155052533 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 :**

7155057937. D

7155057938. A

7155057939. B

7155057940. C

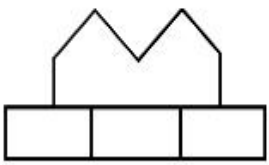
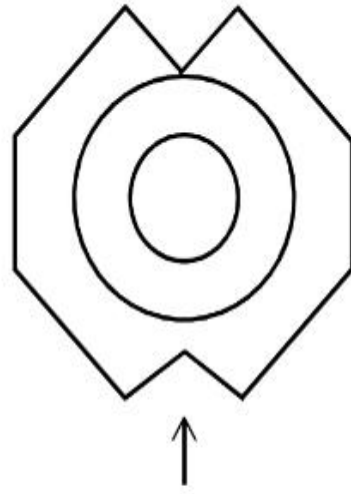
Question Number : 70 Question Id : 7155052533 Question Type : MCQ Option Shuffling : Yes Is

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

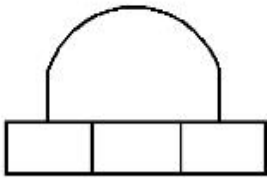
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

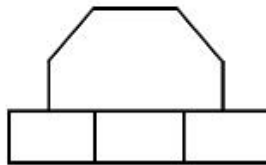
صحیح سامنے کے منظر کو پہچانیے جب کے دی گئی شے کو تیر کی طرف دکھایا جائے۔



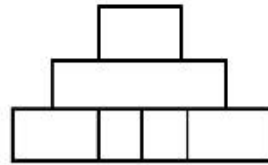
A



B



C



D

Options :

7155057937. D

7155057938. A

7155057939. B

7155057940. C

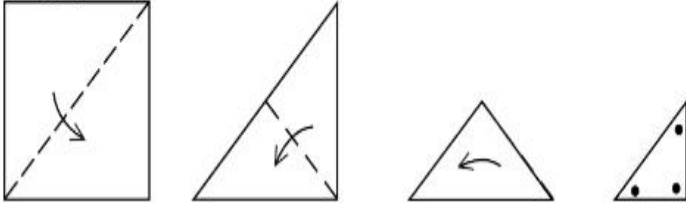
Question Number : 71 Question Id : 7155052534 Question Type : MCQ Option Shuffling : Yes Is

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

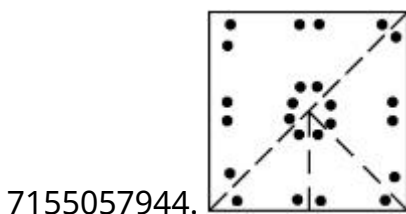
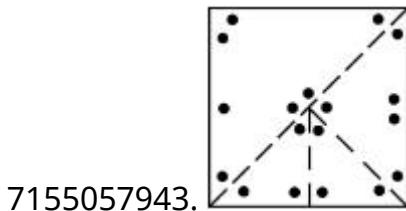
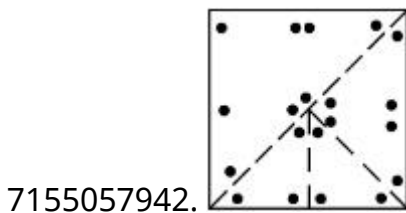
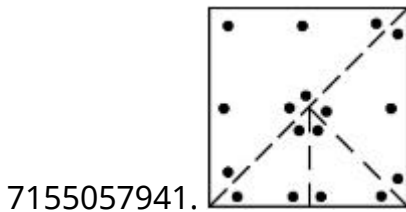
Instruction Time : 0

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 :



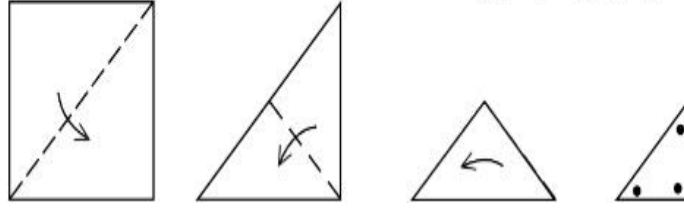
Question Number : 71 Question Id : 7155052534 Question Type : MCQ Option Shuffling : Yes Is

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

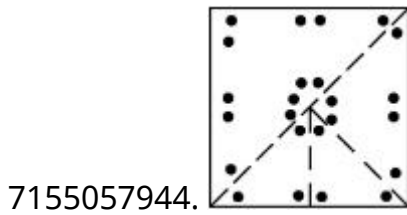
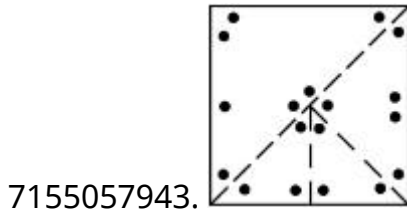
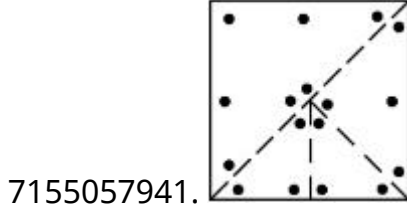
Instruction Time : 0

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۔

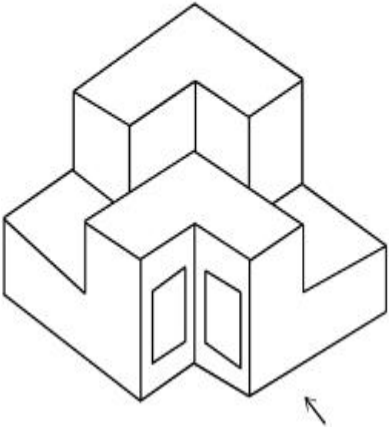


Options :

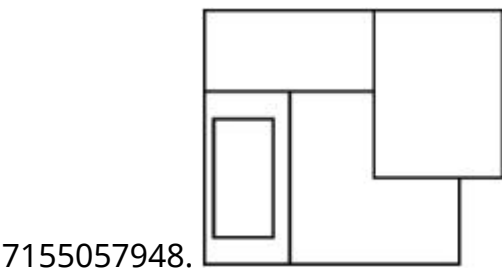
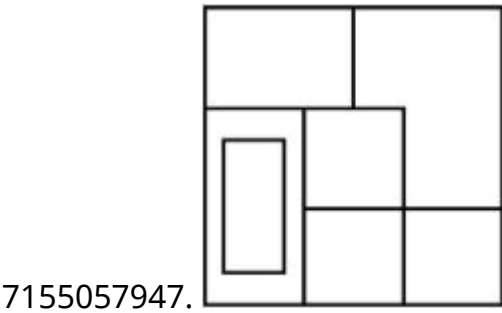
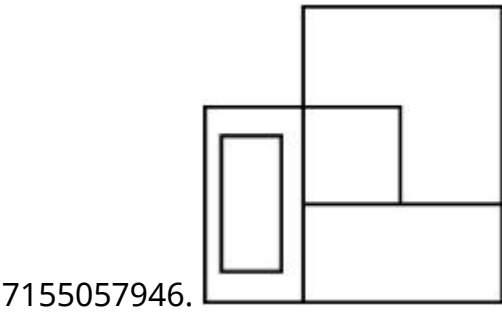
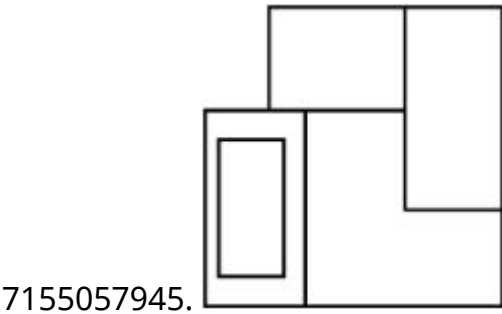


Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is  
 Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum  
 Instruction Time : 0  
 Correct Marks : 4 Wrong Marks : 1

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



**Options :**

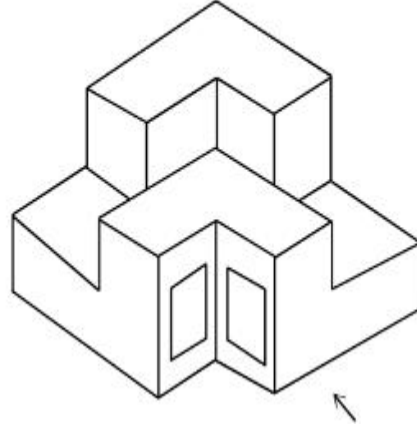




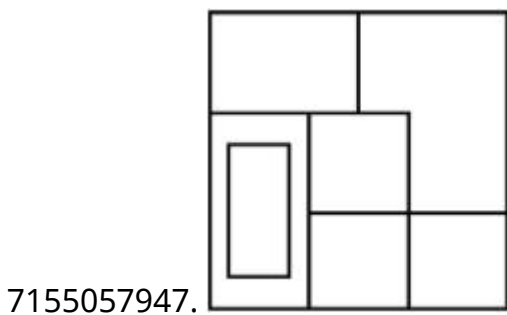
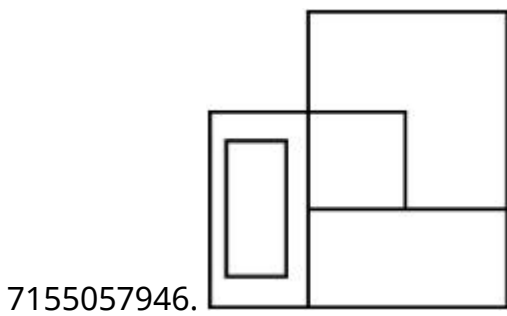
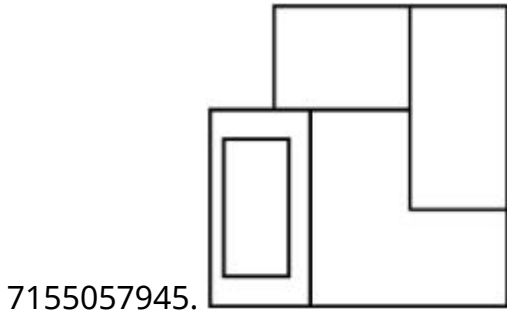
Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

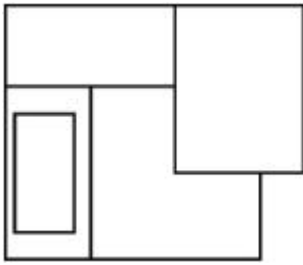
سوالیہ شکل ایک شے کے 3-D منظر کو دکھاتی ہے۔ تیر کی سمت سے دیکھنے پر صحیح منظر پہچانیے:-



Options :



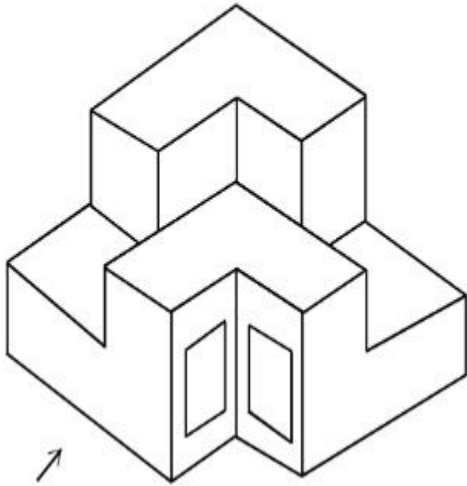
7155057948.



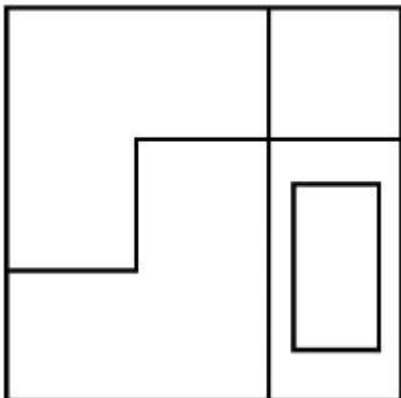
**Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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.

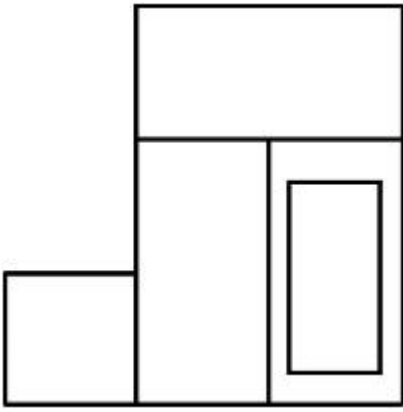


**Options :**

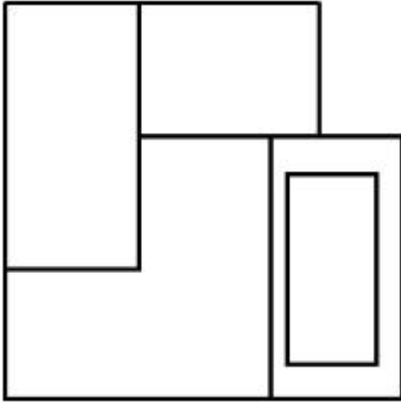


7155057949.

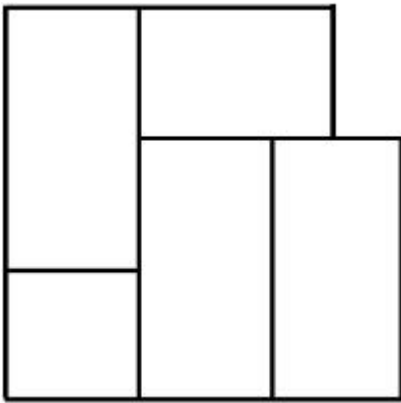
7155057950.



7155057951.



7155057952.



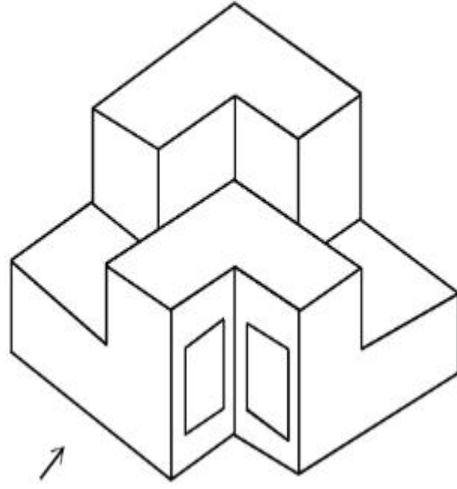
**Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is**

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

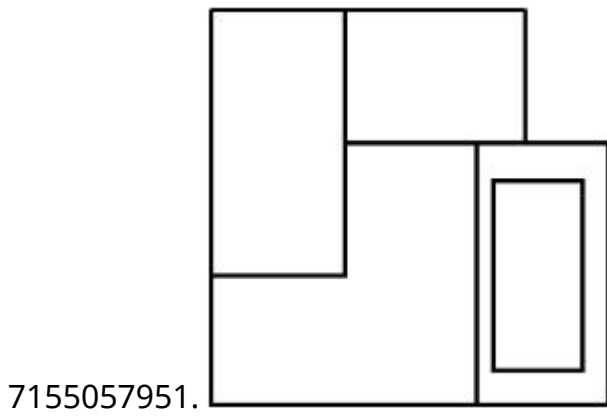
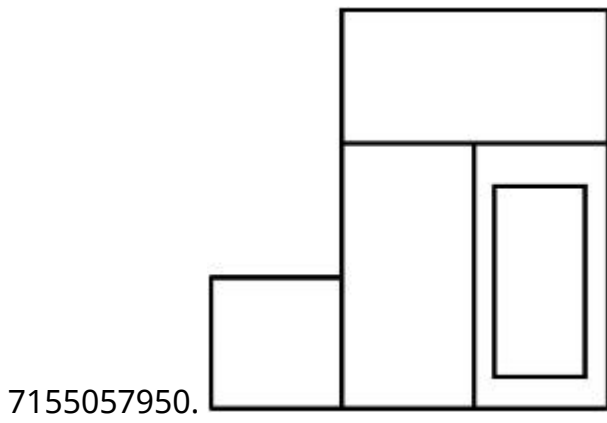
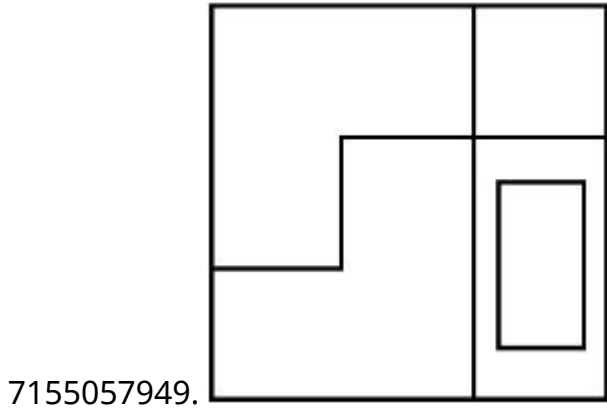
**Instruction Time : 0**

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

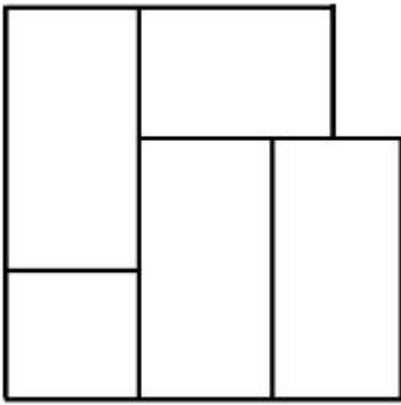
سوالیہ شکل ایک شے کے 3-D منظر کو دکھاتی ہے۔ تیر کی سمت سے دکھائی دینے والے صحیح منظر کو پہچانیے:-



Options :



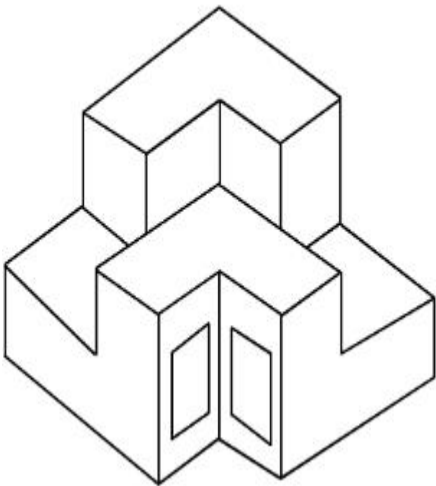
7155057952.



**Question Number : 74 Question Id : 7155052537 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

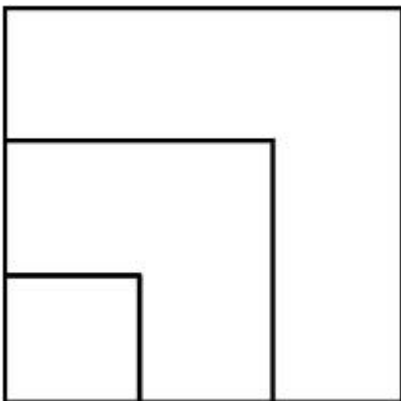
**Correct Marks : 4 Wrong Marks : 1**

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

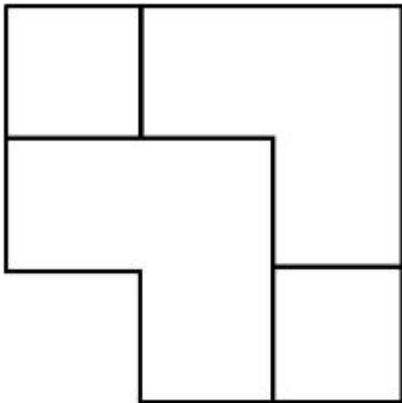
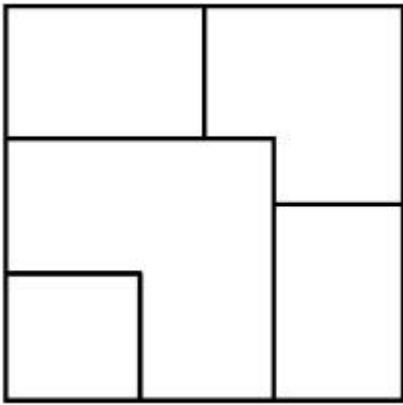


**Options :**

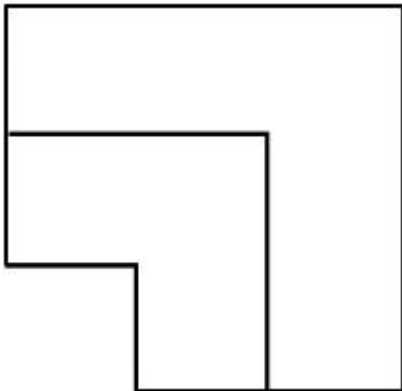
7155057953.



7155057954.



7155057955.

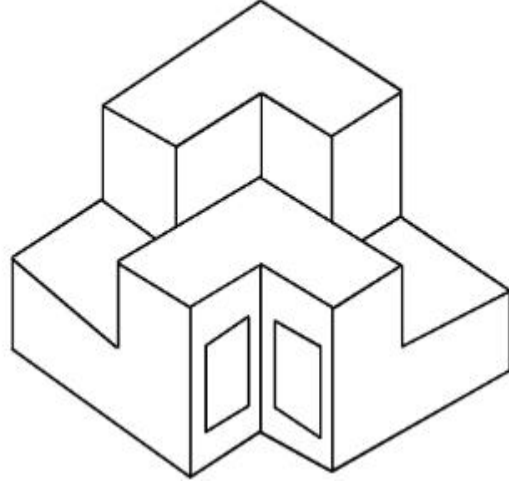


7155057956.

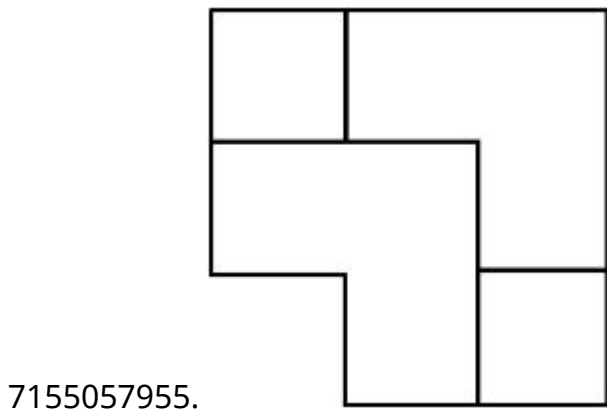
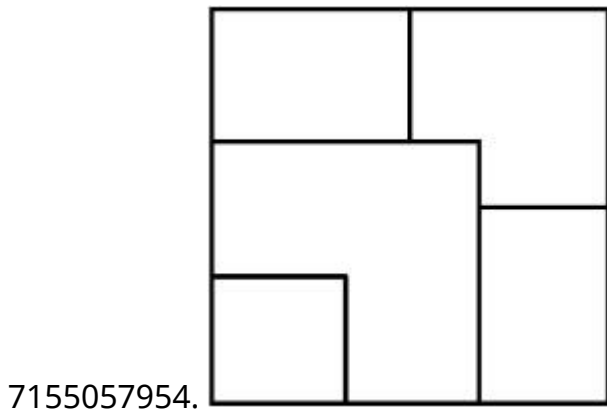
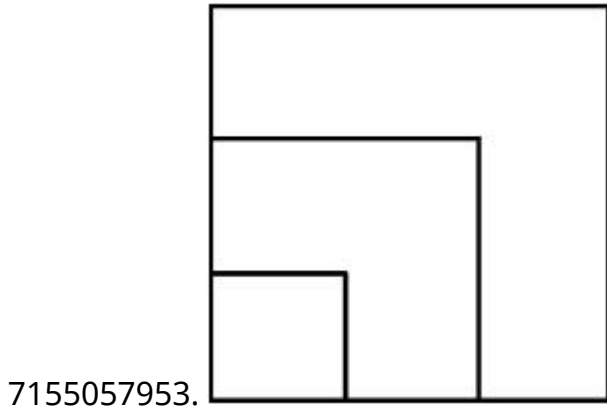
**Question Number : 74 Question Id : 7155052537 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

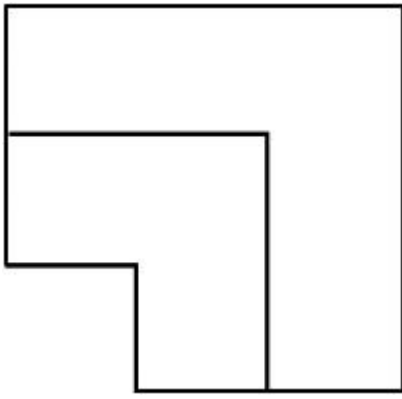
**Correct Marks : 4 Wrong Marks : 1**

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



Options :



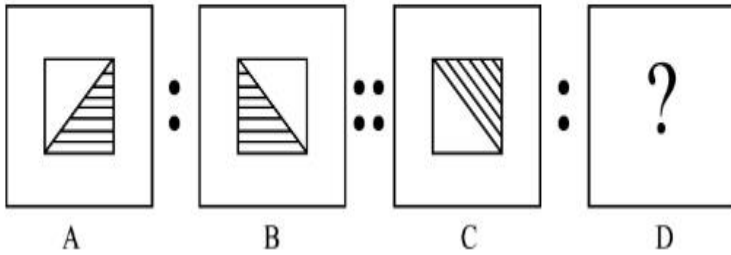


7155057956.

**Question Number : 75 Question Id : 7155052538 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.



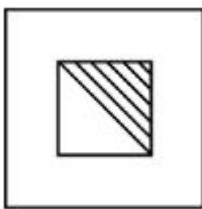
A

B

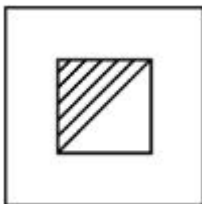
C

D

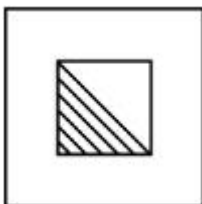
**Options :**



7155057957.



7155057958.



7155057959.



7155057960.



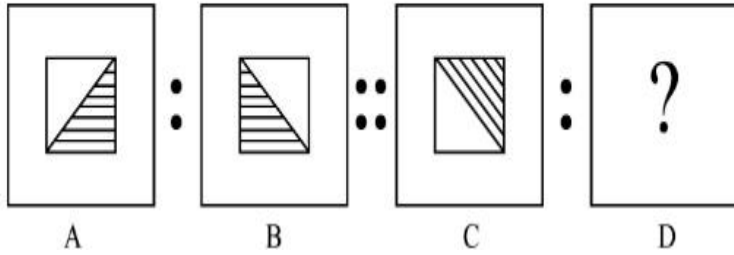
Question Number : 75 Question Id : 7155052538 Question Type : MCQ Option Shuffling : Yes Is

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 :

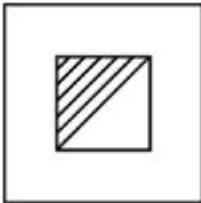


Options :

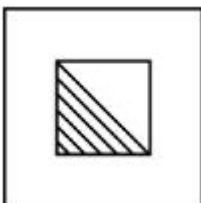
7155057957.



7155057958.



7155057959.



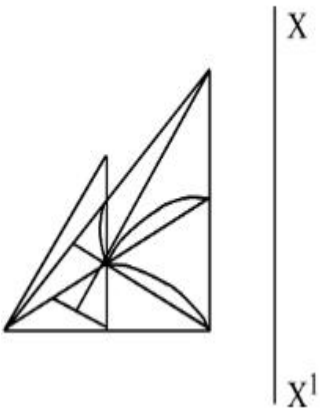
7155057960.



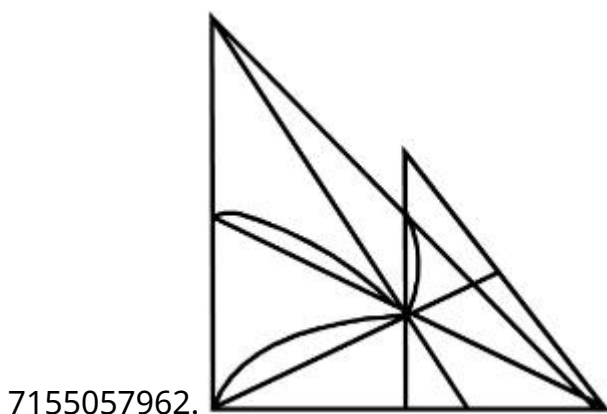
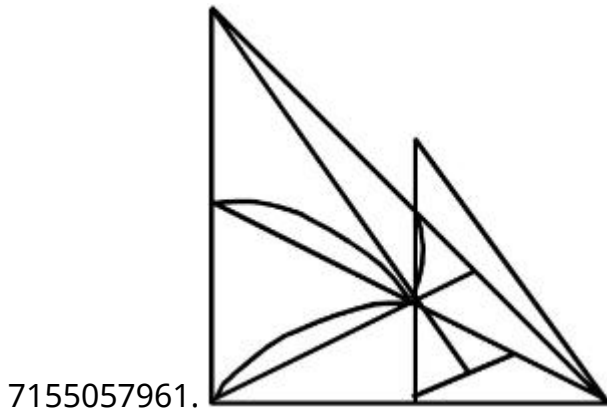
Question Number : 76 Question Id : 7155052539 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

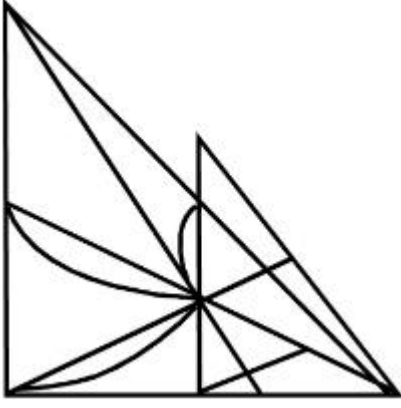
Identify the true mirror image of the figure amongst the answer figures with respect to X-X



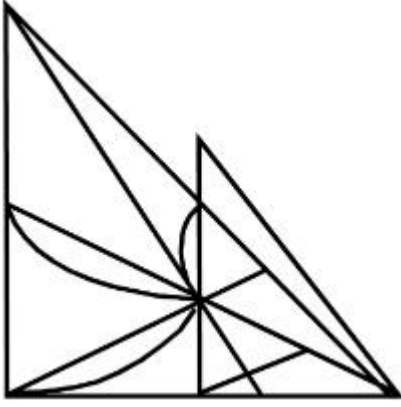
Options :



7155057963.



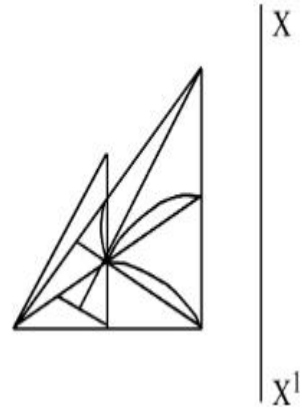
7155057964.



**Question Number : 76 Question Id : 7155052539 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

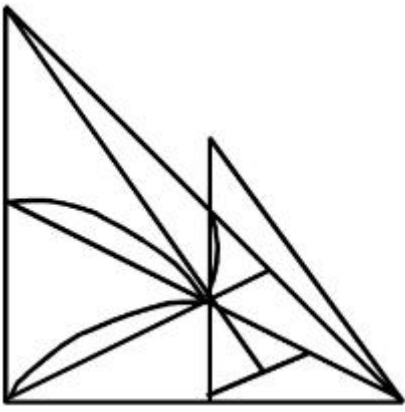
**Correct Marks : 4 Wrong Marks : 1**

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

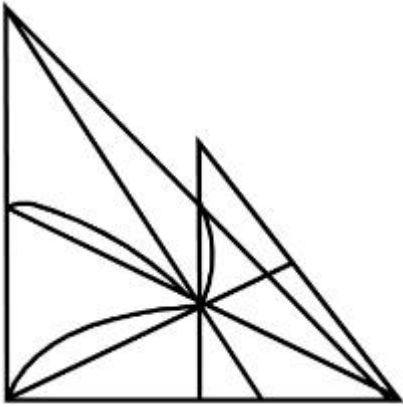


**Options :**

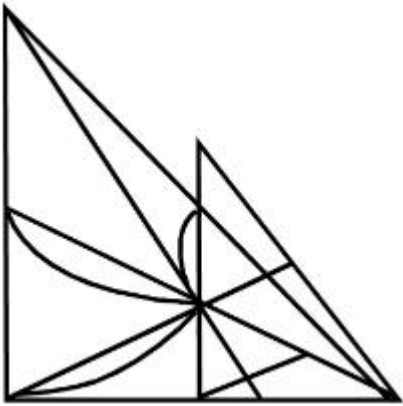
7155057961.



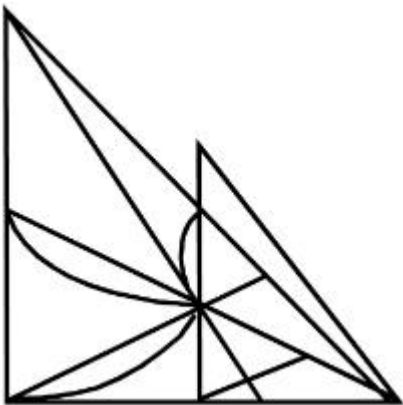
7155057962.



7155057963.



7155057964.

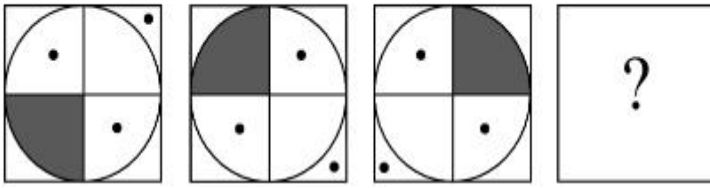


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

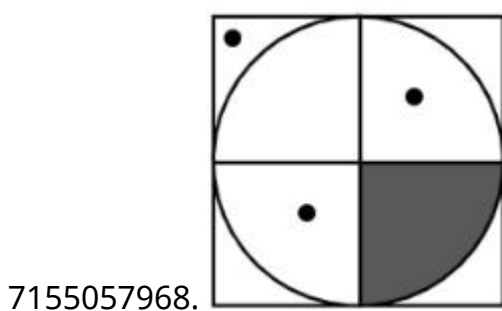
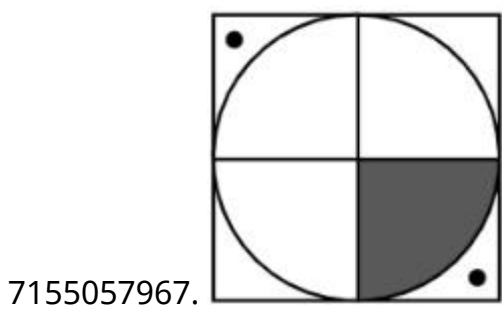
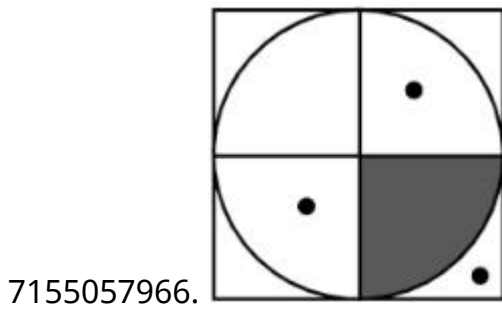
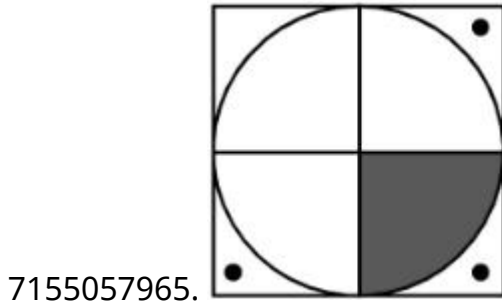
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



Options :



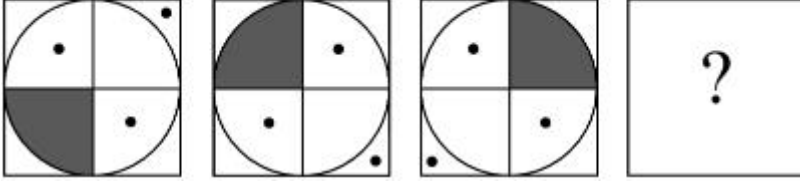
Question Number : 77 Question Id : 7155052540 Question Type : MCQ Option Shuffling : Yes Is

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

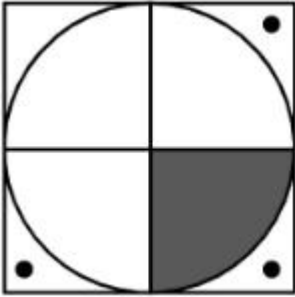
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

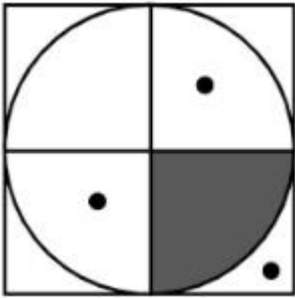
سلسلے کو پورا کرنے والے متبادل کو پہچانیے۔



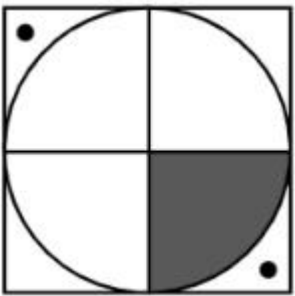
Options :



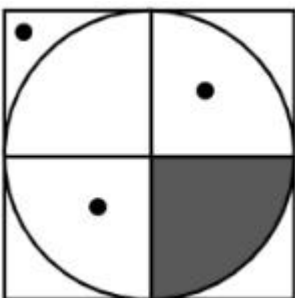
7155057965.



7155057966.



7155057967.

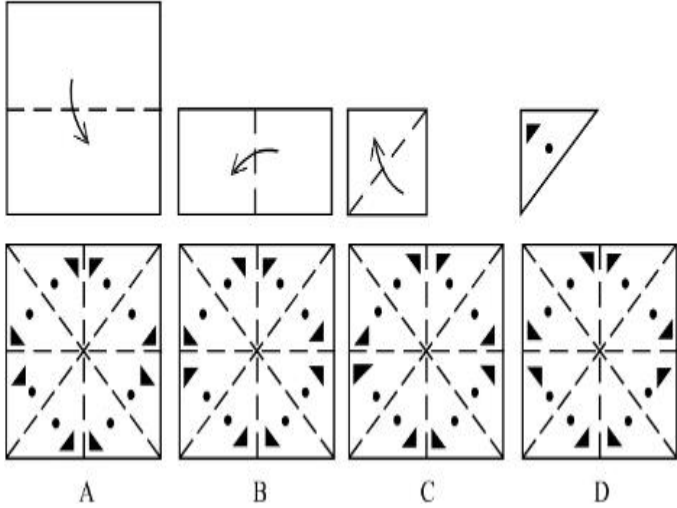


7155057968.

**Question Number : 78 Question Id : 7155052541 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 :**

7155057969. B

7155057970. A

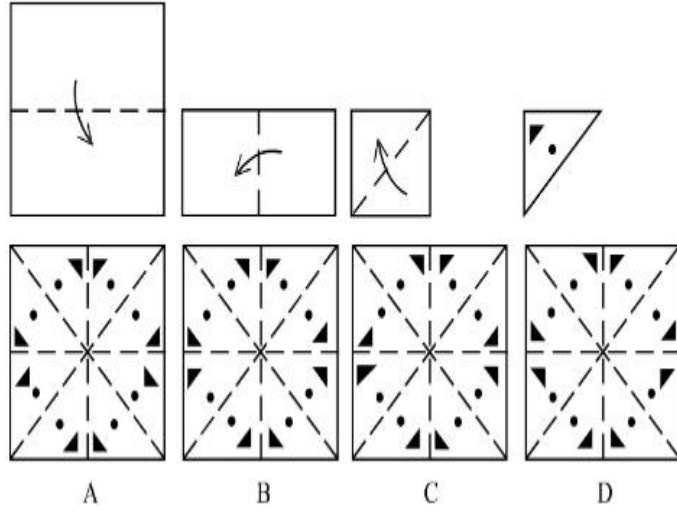
7155057971. D

7155057972. C

**Question Number : 78 Question Id : 7155052541 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 :**

7155057969. B

7155057970. A

7155057971. D

7155057972. C

**Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is**

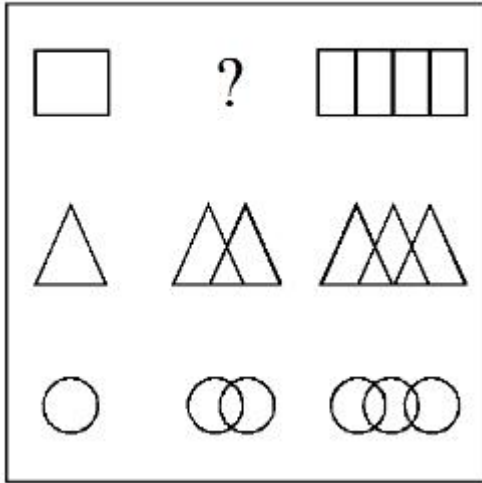
**Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0**

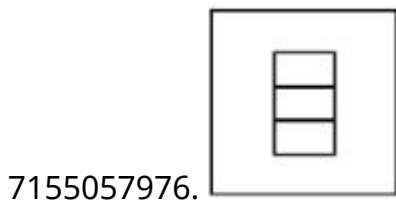
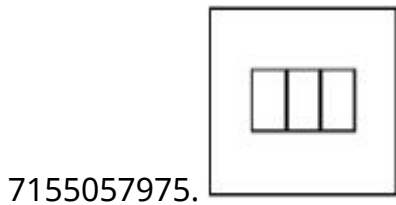
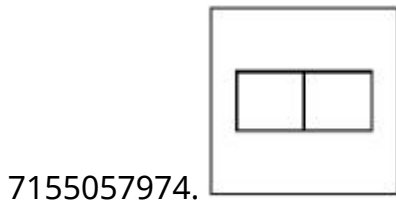
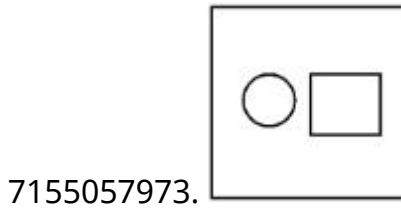
**Correct Marks : 4 Wrong Marks : 1**



In the figure mentioned below find the missing series:-

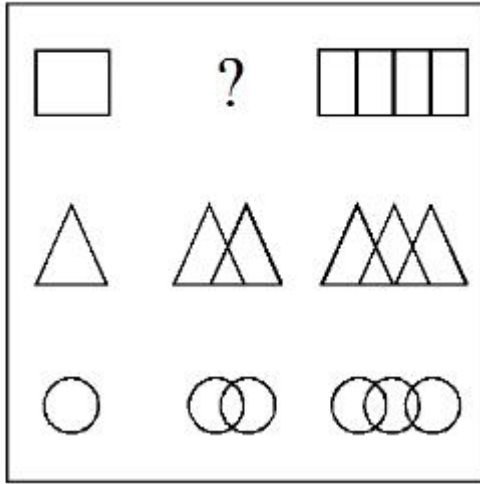


Options :

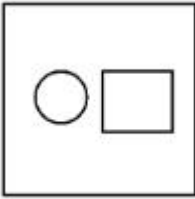


Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

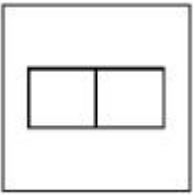
- ذیل میں دی گئی شکل میں غیر موجود سلسلہ کو پہچانیے



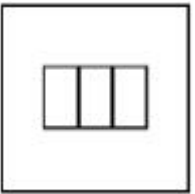
Options :



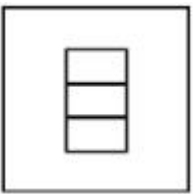
7155057973.



7155057974.



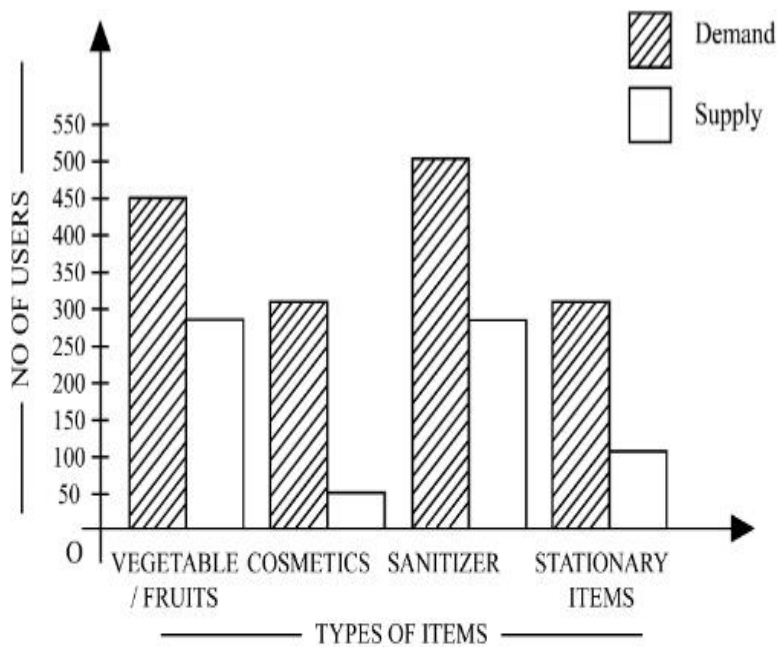
7155057975.



7155057976.

Question Number : 80 Question Id : 7155052543 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 :**

7155057977. B and D only

7155057978. A and B only

7155057979. A and C only

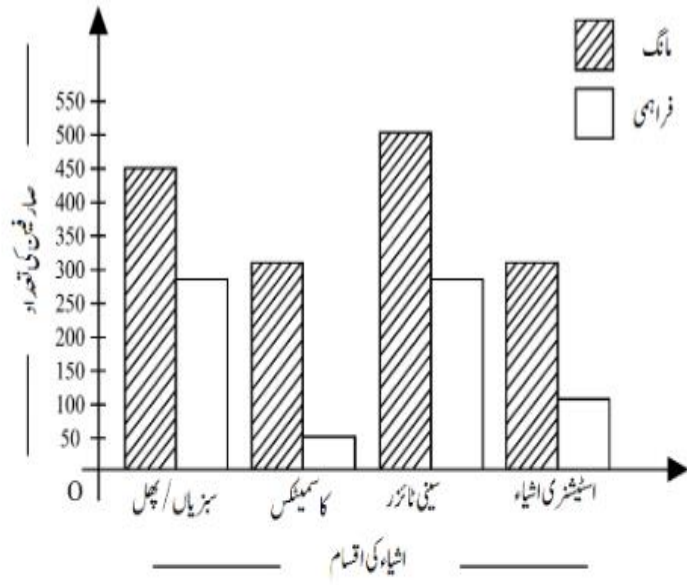
7155057980. B, C and D only

**Question Number : 80 Question Id : 7155052543 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 :**

7155057977. B اور D صرف

7155057978. A اور B صرف

7155057979. A اور C صرف

7155057980. B, C اور D صرف

## Planning

**Section Id :**

715505158

**Section Number :**

4

**Section type :**

Online

**Mandatory or Optional :**

Mandatory

<b>Number of Questions :</b>	25
<b>Number of Questions to be attempted :</b>	25
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	715505158
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number : 81 Question Id : 7155052544 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**

When a person cannot meet a minimum level of living standards compared to others in the same time and place, it is called :

**Options :**

7155057981. Poverty

7155057982. Abundance

7155057983. Adequacy

7155057984. Luxury

**Question Number : 81 Question Id : 7155052544 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 ایک فرد ایک ہی وقت اور جگہ پر باقی افراد کے مقابلہ میں زندگی کے کم از کم معیار کو حاصل نہیں کر پاتا ہے، تو یہ کہلاتا ہے:

**Options :**

7155057981. غربت

7155057982. وافریت

7155057983. اکتفا

7155057984. عیش و عشرت

**Question Number : 82 Question Id : 7155052545 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**

Acropolis in Greece is a/an:

**Options :**

7155057985. Court

7155057986. Citadel on a High Land

7155057987. Open Air Theatre

7155057988. Great Bath

**Question Number : 82 Question Id : 7155052545 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**

گریس میں ایکروپولس (Acropolis) ہے:

**Options :**

7155057985. عدالت

7155057986. کوہستان پر ملجا

7155057987. کھلا تھیٹٹر

7155057988. گریٹ باتھ

**Question Number : 83 Question Id : 7155052546 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 Land-use map, identify the colour code used for recreational uses.

**Options :**

7155057989. Yellow

7155057990. Green

7155057991. Purple

7155057992. Blue

**Question Number : 83 Question Id : 7155052546 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**

زمینی استعمال کے نقشہ (Landuse map) میں، وہ رنگ پہچانیں جو تفریحی (recreational) استعمال کے لیے استعمال کیا جاتا ہے۔

**Options :**

7155057989. بیلا

7155057990. سبز

7155057991. بیگنی

7155057992. نیلا

**Question Number : 84 Question Id : 7155052547 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**

**Statement I :** The plan of Delhi city is in the radial form.

**Statement II :** The plan of Delhi city is in the Grid Iron form.

In the light of the above statements, choose the *correct* answer from the options given below:

**Options :**

7155057993. Both Statement **I** and Statement **II** are true

7155057994. Both Statement **I** and Statement **II** are false

7155057995. Statement **I** is true but Statement **II** is false

7155057996. Statement **I** is false but Statement **II** is true

**Question Number : 84 Question Id : 7155052547 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**



بیان I : دہلی شہر کا پلان نصف قطری شکل میں ہے۔

بیان II : دہلی شہر کا پلان گرڈ آئرن کی شکل میں ہے۔

اوپر دیے گئے بیانات کی روشنی میں، مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

**Options :**

7155057993. بیان I اور بیان II دونوں صحیح ہیں۔

7155057994. بیان I اور بیان II دونوں غلط ہیں۔

7155057995. بیان I صحیح ہے لیکن بیان II غلط ہے۔

7155057996. بیان I غلط ہے لیکن بیان II صحیح ہے۔

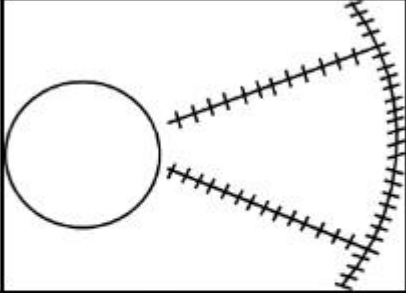
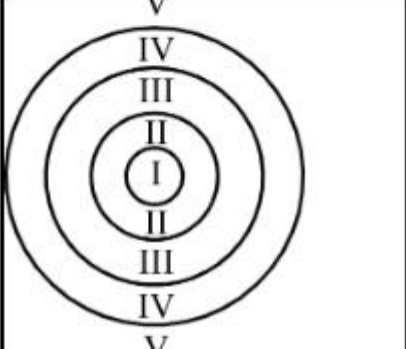
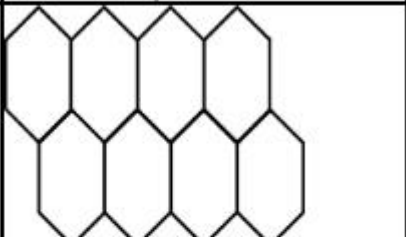
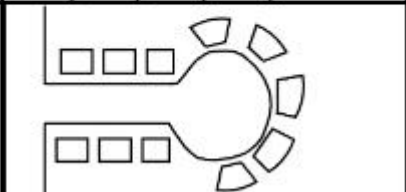
**Question Number : 85 Question Id : 7155052548 Question Type : MCQ Option Shuffling : Yes Is**

**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.	Christaller's concept
B.		II.	Garden City concept
C.		III.	Ernest Burgess
D.		IV.	Radburn concept

Choose the correct answer from the options given below:

**Options :**

7155057997. A-II, B-III, C-I, D-IV

7155057998. A-III, B-I, C-II, D-IV

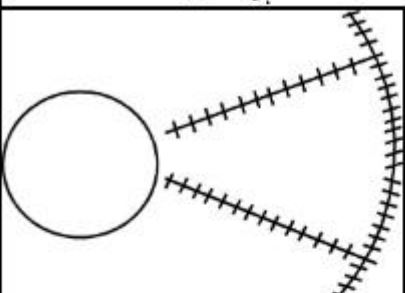
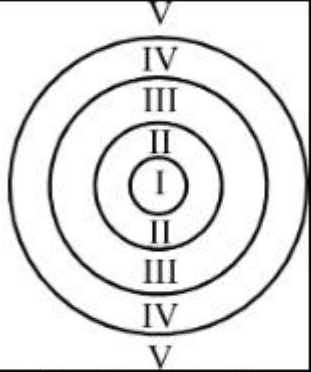
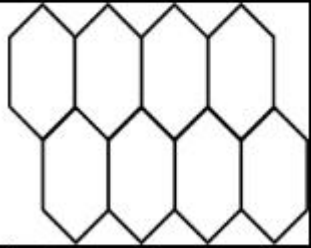
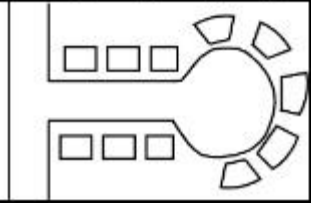
7155057999. A-IV, B-III, C-I, D-II

7155058000. A-II, B-III, C-IV, D-I

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

فہرست I کو فہرست II سے ملائیں۔

فہرست II	فہرست I
I. کرسٹالز کا نظریہ	A. 
II. گارٹن سٹی نظریہ	B. 
III. ایمن برگس	C. 
IV. براؤنن نظریہ	D. 

Options :

7155057997. A-II, B-III, C-I, D-IV

7155057998. A-III, B-I, C-II, D-IV

7155057999. A-IV, B-III, C-I, D-II

7155058000. A-II, B-III, C-IV, D-I

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.	Tower in the Park	I.	Sir Ebenezer Howards
B.	Neighbourhood Unit	II.	Le-Corbusier
C.	Garden City	III.	Clerence Perry
D.	Sector Model	IV.	Homer Hoyt

Choose the correct answer from the options given below:

Options :

7155058001. A-I, B-III, C-IV, D-II

7155058002. A-II, B-III, C-I, D-IV

7155058003. A-II, B-III, C-IV, D-I

7155058004. A-III, B-II, C-I, D-IV

Question Number : 86 Question Id : 7155052549 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 کو فہرست II سے ملائیں۔

فہرست II		فہرست I	
Sir Ebenezer Howards	.I	پارک میں ٹاور	.A
Le-Corbusier	.II	یڑوس کی اکائی	.B
Clerence Perry	.III	گارڈن سٹی	.C
Homes Hoyt's	.IV	سیکٹر ماڈل	.D

مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

Options :

7155058001. A-I, B-III, C-IV, D-II

7155058002. A-II, B-III, C-I, D-IV

7155058003. A-II, B-III, C-IV, D-I

7155058004. A-III, B-II, C-I, D-IV

**Question Number : 87 Question Id : 7155052550 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.	1st Five Year Plan	I.	1969-1974
B.	4th Five Year Plan	II.	1951-1956
C.	8th Five Year Plan	III.	1992-1997
D.	11th Five Year Plan	IV.	2007-2012

Choose the correct answer from the options given below:

**Options :**

7155058005. A-I, B-II, C-III, D-IV

7155058006. A-II, B-I, C-III, D-IV

7155058007. A-II, B-III, C-IV, D-I

7155058008. A-II, B-I, C-IV, D-III

**Question Number : 87 Question Id : 7155052550 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 کو فہرست II سے ملائیں۔

فہرست II		فہرست I	
1969-1974	.I	1st یانچ سالہ یان	.A
1951-1956	.II	4th یانچ سالہ یان	.B
1992-1997	.III	8th یانچ سالہ یان	.C
2007-2012	.IV	11th یانچ سالہ یان	.D

مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

**Options :**

7155058005. A-I, B-II, C-III, D-IV

7155058006. A-II, B-I, C-III, D-IV

7155058007. A-II, B-III, C-IV, D-I

7155058008. A-II, B-I, C-IV, D-III

**Question Number : 88 Question Id : 7155052551 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.	Madurai	I.	Planned Hill city
B.	Aurovile	II.	Kadamba Vanam
C.	Lavasa	III.	Grid Iron
D.	Chandigarh	IV.	Matri Mandir

Choose the correct answer from the options given below:

**Options :**

7155058009. A-IV, B-I, C-II, D-III

7155058010. A-IV, B-II, C-I, D-III

7155058011. A-I, B-II, C-IV, D-III

7155058012. A-II, B-IV, C-I, D-III

Question Number : 88 Question Id : 7155052551 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 کو فہرست II سے ملائیں۔

فہرست II		فہرست I	
I	یلاتن کیا گیا پہاڑی سہر	A	مدرئی
II	کانمیا ورنم	B	اوروولے
III	گرڈ آئرن	C	لوانسہ
IV	ماتری مندر	D	چنڈیگرہ

مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

Options :

7155058009. A-IV, B-I, C-II, D-III

7155058010. A-IV, B-II, C-I, D-III

7155058011. A-I, B-II, C-IV, D-III

7155058012. A-II, B-IV, C-I, D-III

Question Number : 89 Question Id : 7155052552 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 article is related to Panchayati Raj ?

Options :

7155058013. Article 243

7155058014. Article 324

7155058015. Article 124

7155058016. Article 73

**Question Number : 89 Question Id : 7155052552 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 آرٹیکل میں سے کون سا پنچایتی راج سے متعلق ہے؟

**Options :**

7155058013. 243 آرٹیکل

7155058014. 324 آرٹیکل

7155058015. 124 آرٹیکل

7155058016. 73 آرٹیکل

**Question Number : 90 Question Id : 7155052553 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 acres is 1 hectare?

**Options :**

7155058017. 2.47



7155058018. 3.47

7155058019. 4.47

7155058020. 5.47

**Question Number : 90 Question Id : 7155052553 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 بیکنیئر میں کتنے ایکڑ ہوتے ہیں؟

**Options :**

7155058017. 2.47

7155058018. 3.47

7155058019. 4.47

7155058020. 5.47

**Question Number : 91 Question Id : 7155052554 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**

What is the full form of the NITI ?

**Options :**

7155058021. National Institute for Transforming India

7155058022. National Industry for Technology India

7155058023. National Industry for Transforming India

7155058024. National Industrial Technical Institute

**Question Number : 91 Question Id : 7155052554 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**

NITI کا پورا نام کیا ہے؟

**Options :**

7155058021. National Institute for Transforming India

7155058022. National Industry for Technology India

7155058023. National Industry for Transforming India

7155058024. National Industrial Technical Institute

**Question Number : 92 Question Id : 7155052555 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 term "Conurbation" was coined by ?

**Options :**

7155058025. Kevin Lynch

7155058026. Patrick Geddes

7155058027. Ebenezer Howard

7155058028. Lewis Mumford

**Question Number : 92 Question Id : 7155052555 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**

"Conurbation" لفظ کس نے دیا تھا؟

**Options :**

7155058025. Kevin Lynch

7155058026. Patrick Geddes

7155058027. Ebenezer Howard

7155058028. Lewis Mumford

**Question Number : 93 Question Id : 7155052556 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 planner of Durgapur city?

**Options :**

7155058029. Le Corbusier

7155058030. Ebenezer Howard

7155058031. Joseph Allen Stein

7155058032. Charles Correa

Question Number : 93 Question Id : 7155052556 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

درگاپور شہر کس نے پلان کیا تھا؟

Options :

7155058029. Le Corbusier

7155058030. Ebenezer Howard

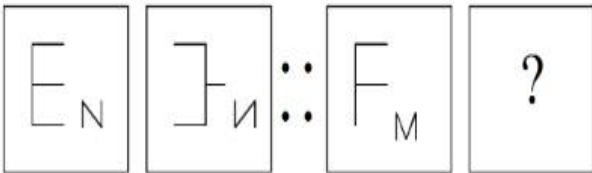
7155058031. Joseph Allen Stein

7155058032. Charles Correa

Question Number : 94 Question Id : 7155052557 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 problem figures, A and B have certain relation. Identify which one of the answer figures will  
have similar relation between C and D?

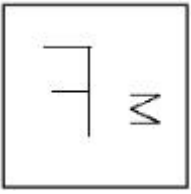


Options :



7155058033.

7155058034.



7155058035.



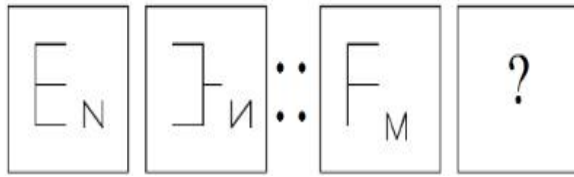
7155058036.



**Question Number : 94 Question Id : 7155052557 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

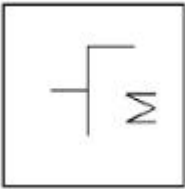
**Correct Marks : 4 Wrong Marks : 1**

دی گئی شکل میں، A اور B کے درمیان ایک خاص رشتہ ہے۔ مندرجہ میں سے کون سی شکل C اور D کے درمیان وہی رشتہ رکھے گی، پہچانیں:

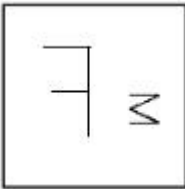


**Options :**

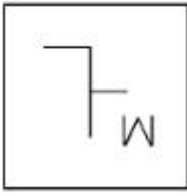
7155058033.



7155058034.



7155058035.



7155058036.



**Question Number : 95 Question Id : 7155052558 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 Housing Development Finance Corporation Limited (HDFC) was founded in:

**Options :**

7155058037. 1947

7155058038. 1961

7155058039. 1977

7155058040. 1981

**Question Number : 95 Question Id : 7155052558 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**

Housing Development Finance Corporation Limited (HDFC) کب قائم ہوا تھا؟

**Options :**

7155058037. 1947

7155058038. 1961

7155058039. 1977

7155058040. 1981

**Question Number : 96 Question Id : 7155052559 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**

An essential feature of federal government is:

**Options :**

7155058041. Centralisation of Powers

7155058042. Division of Powers between various levels

7155058043. Opposition

7155058044. Unwritten Constitution

**Question Number : 96 Question Id : 7155052559 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**

وفاقی حکومت (Federal Government) کی لازمی صفت ہے:

**Options :**

7155058041. طاقت کی مرکزیت

7155058042. طاقت کی مختلف سطحوں میں تقسیم

7155058043. مخالفت

7155058044. بنا لکھا آئین

**Question Number : 97 Question Id : 7155052560 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 is not a public sector bank?

**Options :**

7155058045. ICICI

7155058046. State Bank of India

7155058047. Indian Bank

7155058048. Canara Bank

**Question Number : 97 Question Id : 7155052560 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 عوامی سیکٹر بینک نہیں ہے؟

**Options :**

7155058045. ICICI

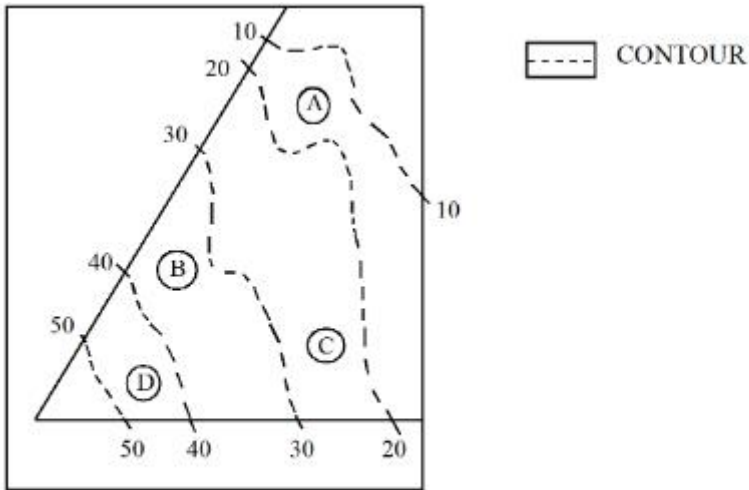
7155058046. State Bank of India

7155058047. Indian Bank



Question Number : 98 Question Id : 7155052561 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 given diagram, the location of D on the site is:

Options :

7155058049. 30-40

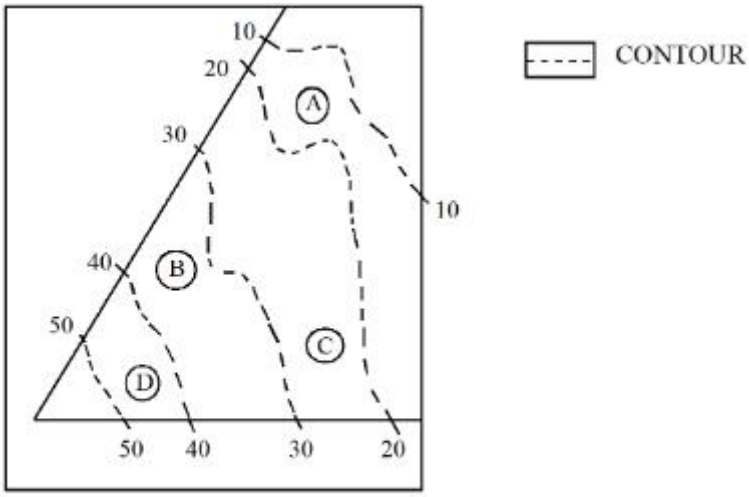
7155058050. 40-50

7155058051. 10-20

7155058052. 20-30

Question Number : 98 Question Id : 7155052561 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 ڈائیگرام میں، سائٹ پر D کا مقام (location) ہے:

**Options :**

7155058049. 30-40

7155058050. 40-50

7155058051. 10-20

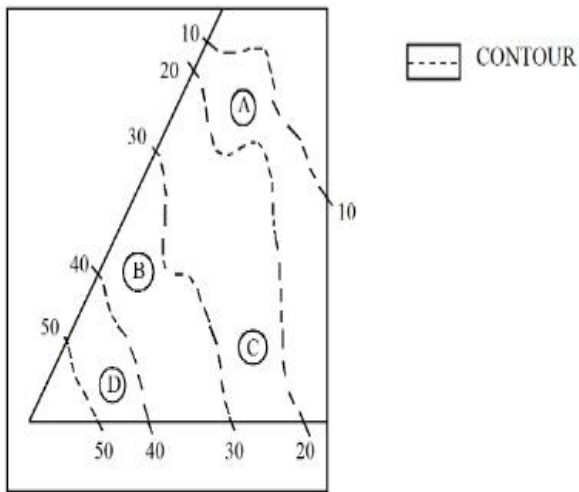
7155058052. 20-30

**Question Number : 99 Question Id : 7155052562 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**



**Statement I:** In the given diagram, the location of B is higher than C

**Statement II:** In the given diagram, the location of A is lower than C

In the light of the above statements, choose the *correct* answer from the options given below:

**Options :**

7155058053. Both Statement **I** and Statement **II** are true

7155058054. Both Statement **I** and Statement **II** are false

7155058055. Statement **I** is true but Statement **II** is false

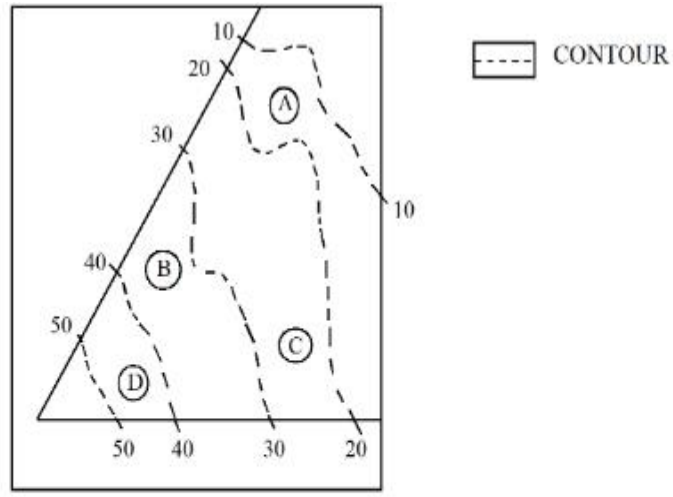
7155058056. Statement **I** is false but Statement **II** is true

**Question Number : 99 Question Id : 7155052562 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**



بیان I : دیے گئے ڈائیگرام میں، B کا مقام C سے اونچا ہے۔

بیان II : دیے گئے ڈائیگرام میں، A کا مقام C سے نیچے ہے۔

اوپر دیے گئے بیانات کی روشنی میں، مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

**Options :**

7155058053. بیان I اور بیان II دونوں صحیح ہیں۔

7155058054. بیان I اور بیان II دونوں غلط ہیں۔

7155058055. بیان I صحیح ہے لیکن بیان II غلط ہے۔

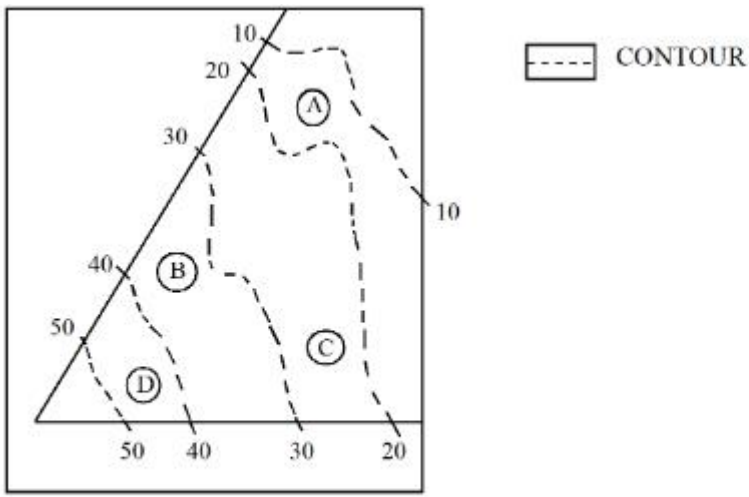
7155058056. بیان I غلط ہے لیکن بیان II صحیح ہے۔

Question Number : 100 Question Id : 7155052563 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 given diagram, the location of the A lies on which contour ?

**Options :**

7155058057. 20-30

7155058058. 30-40

7155058059. 10-20

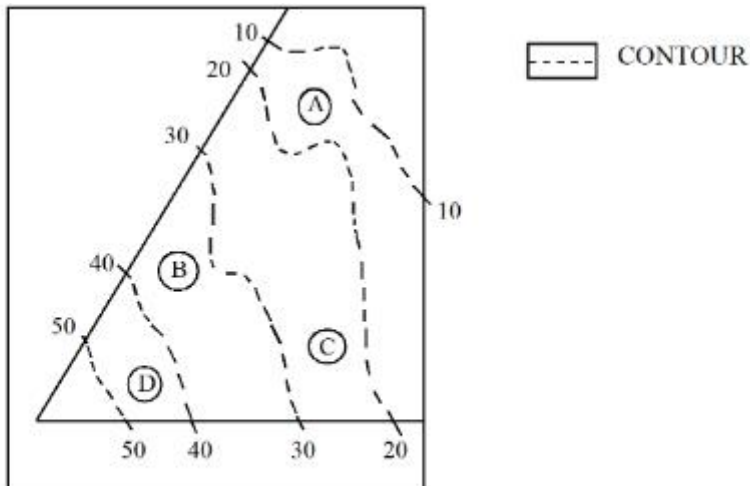
7155058060. 40-50

**Question Number : 100 Question Id : 7155052563 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 ڈائیگرام میں A کا مقام کس کنٹور (contour) پر واقع ہے؟

**Options :**

7155058057. 20-30

7155058058. 30-40

7155058059. 10-20

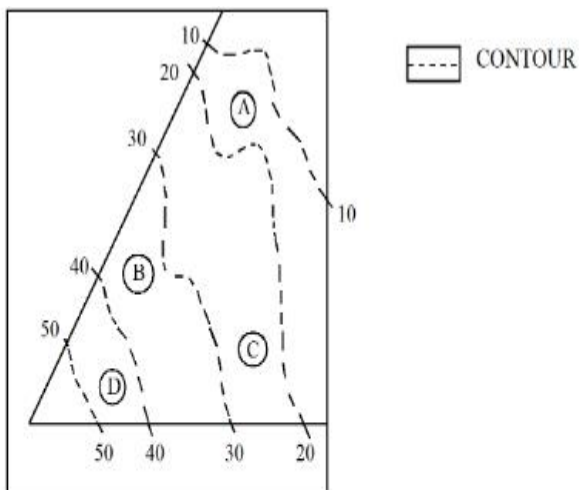
7155058060. 40-50

**Question Number : 101 Question Id : 7155052564 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**



**Statement I:** 'A' is located at the lowest point of the site.

**Statement II:** 'A' is located at a lower point than 'B' on the site.

In the light of the above statements, choose the *correct* answer from the options given below:

**Options :**

7155058061. Both Statement **I** and Statement **II** are true

7155058062. Both Statement **I** and Statement **II** are false

7155058063. Statement **I** is true but Statement **II** is false

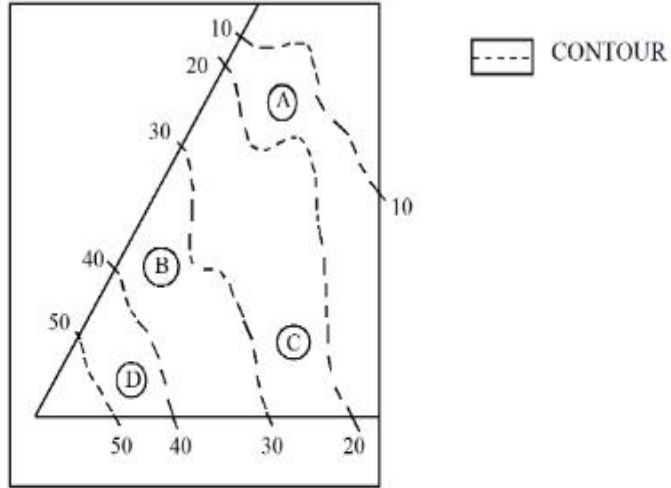
7155058064. Statement **I** is false but Statement **II** is true

Question Number : 101 Question Id : 7155052564 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



بیان **I** : سائٹ کے سب سے نچلے نقطہ پر واقع ہے۔

بیان **II** : ، سے نچلے نقطہ پر واقع ہے۔

اوپر دیے گئے بیانات کی روشنی میں، مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

Options :

7155058061. بیان **I** اور بیان **II** دونوں صحیح ہیں۔

7155058062. بیان **I** اور بیان **II** دونوں غلط ہیں۔

7155058063. بیان **I** صحیح ہے لیکن بیان **II** غلط ہے۔

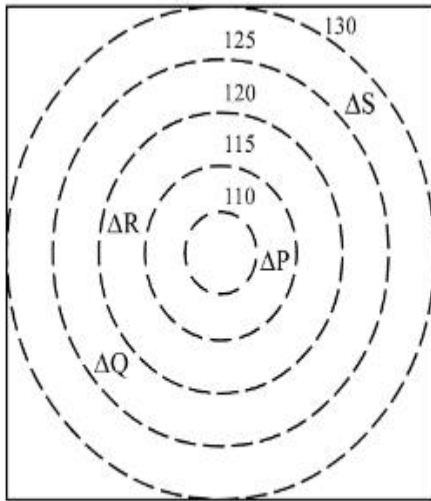
7155058064. بیان **I** غلط ہے لیکن بیان **II** صحیح ہے۔

Question Number : 102 Question Id : 7155052565 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**



 CONTOURS

 BUILDINGS

ALL DIENSIONS ARE  
IN "M"

In the given diagram, how many contour levels are present in between "P" and "S"

**Options :**

7155058065. 2

7155058066. 3

7155058067. 1

7155058068. 4

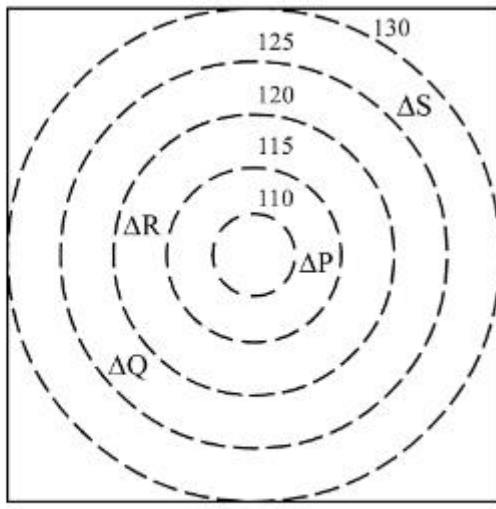
**Question Number : 102 Question Id : 7155052565 Question Type : MCQ Option Shuffling : Yes**

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

**Minimum Instruction Time : 0**

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





CONTOURS



BUILDINGS

ALL DIENSIONS ARE  
IN "M"

دیے گئے ڈائیگرام میں، "P" اور "S" کے درمیان کتنی کنٹور سطحوں (contour levels) موجود ہیں؟

**Options :**

7155058065. 2

7155058066. 3

7155058067. 1

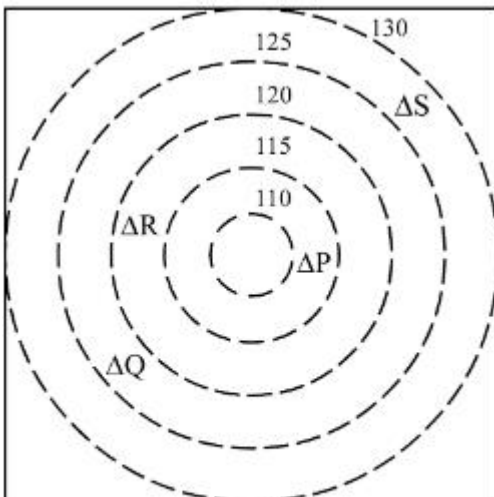
7155058068. 4

**Question Number : 103 Question Id : 7155052566 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**



CONTOURS



BUILDINGS

ALL DIENSIONS ARE  
IN "M"

In the given diagram, "S" is higher than \_\_\_\_\_ meter from "R"

**Options :**

7155058069. 5

7155058070. 10

7155058071. 25

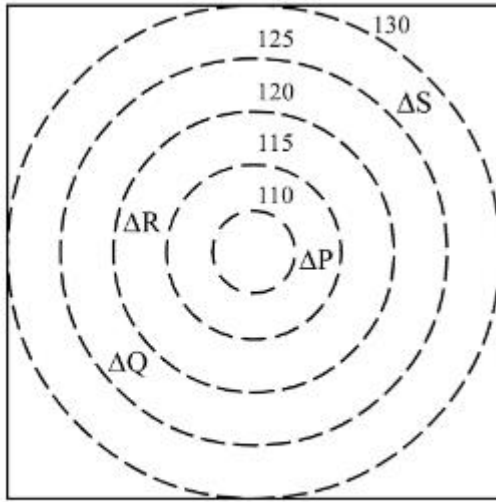
7155058072. 15


**Question Number : 103 Question Id : 7155052566 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**



 CONTOURS

 BUILDINGS

ALL DIENSIONS ARE  
IN "M"

دیے گئے ڈائیگرام میں، "S"، "R" سے \_\_\_\_\_ meter زیادہ اونچا ہے۔

**Options :**

7155058069. 5

7155058070. 10

7155058071. 25

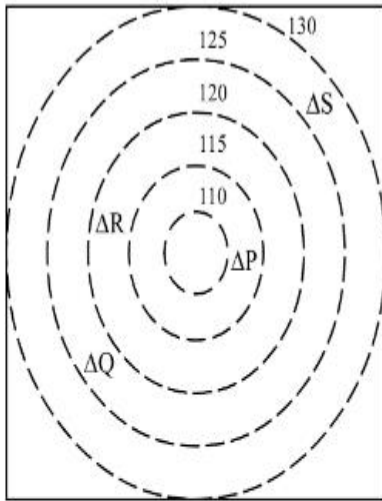
7155058072. 15

Question Number : 104 Question Id : 7155052567 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



 CONTOURS

 BUILDINGS

ALL DIENSIONS ARE  
IN "M"

Based on the given diagram:

**Statement I** : "R" is higher than "P" and "Q"

**Statement II** : "S" is higher than "P", "Q" and "R"

In the light of the above statements, choose the *correct* answer from the options given below:

**Options :**

7155058073. Both Statement **I** and Statement **II** are true

7155058074. Both Statement **I** and Statement **II** are false

7155058075. Statement **I** is true but Statement **II** is false

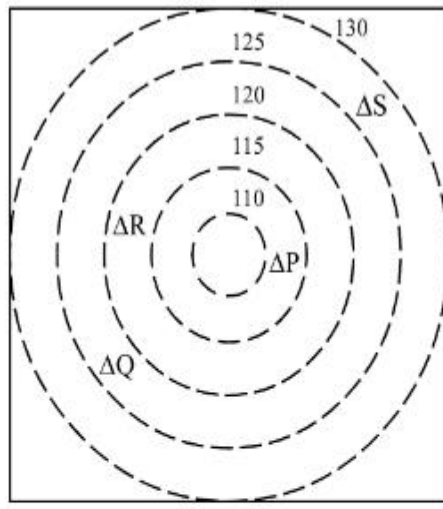
7155058076. Statement **I** is false but Statement **II** is true

Question Number : 104 Question Id : 7155052567 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



CONTOURS



BUILDINGS

ALL DIENSIONS ARE  
IN "M"

دیے گئے ڈائینگرام کی بنیاد پر :

بیان I : "P" اور "Q" کے مقابلہ میں "R" زیادہ اونچا ہے۔

بیان II : ، "Q", "P" اور "R" کے مقابلہ میں "S" زیادہ اونچا ہے۔

اوپر دیے گئے بیانات کی روشنی میں، مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

**Options :**

7155058073. بیان I اور II دونوں صحیح ہیں۔

7155058074. بیان I اور بیان II دونوں غلط ہیں۔

7155058075. بیان I صحیح ہے لیکن بیان II غلط ہے۔

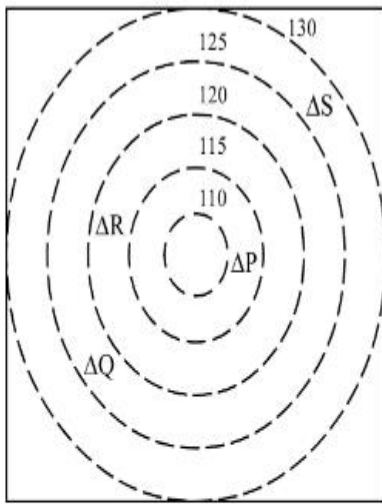
7155058076. بیان I غلط ہے لیکن بیان II صحیح ہے۔

Question Number : 105 Question Id : 7155052568 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



 CONTOURS

 BUILDINGS

ALL DIENSIONS ARE  
IN "M"

Based on the given diagram:

**Statement I :** "P" is located at a height of 110 M

**Statement II :** "Q" is located 5 M lower than "S"

In the light of the above statements, choose the *correct* answer from the options given below:

**Options :**

7155058077. Both Statement **I** and Statement **II** are true

7155058078. Both Statement **I** and Statement **II** are false

7155058079. Statement **I** is true but Statement **II** is false

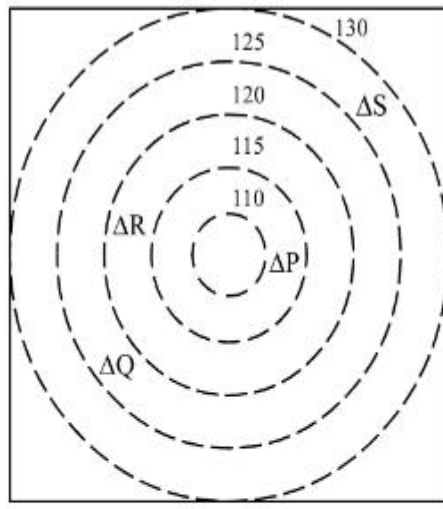
7155058080. Statement **I** is false but Statement **II** is true

**Question Number : 105 Question Id : 7155052568 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**



CONTOURS



BUILDINGS

ALL DIENSIONS ARE  
IN "M"

دیے گئے ڈائیگرام کی بنیاد پر :

بیان I : "P" ، 110 M کی اونچائی پر واقع ہے۔

بیان II : "Q" ، "S" سے 5M نیچے واقع ہے۔

اوپر دیے گئے بیانات کی روشنی میں، مندرجہ ذیل متبادلات میں سے صحیح جواب کا انتخاب کریں۔

**Options :**

7155058077. بیان I اور بیان II دونوں صحیح ہیں۔

7155058078. بیان I اور بیان II دونوں غلط ہیں۔

7155058079. بیان I صحیح ہے لیکن بیان II غلط ہے۔

7155058080. بیان I غلط ہے لیکن بیان II صحیح ہے۔