

National Testing Agency

Question Paper Name :	B PLANNING 28th Jan 2023 Shift 2
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B PLANNING

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

Mathematics Section A

Section Id :	715505155
Section Number :	1

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

माना \mathbb{R}^2 पर दो संबंध R_1, R_2

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

(a, b) R_2 (c, d) यदि $a + d \geq b + c$ है

द्वारा परिभाषित हैं। तो

Options :

7155057691. R_1 संक्रामक है परन्तु R_2 संक्रामक नहीं है

7155057692. R_2 संक्रामक है परन्तु R_1 संक्रामक नहीं है

7155057693. R_1 तथा R_2 दोनों संक्रामक है

7155057694. न तो R_1 न ही R_2 संक्रामक है

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

Options :

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

माना α तथा β समीकरण $x^2 - 3x + 9 = 0$ के मूल हैं। तो $\left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}} \right)^2$ बराबर है :

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

यदि $z = 2 + 5i$ हैं, तो $2z^3 + 21z^2 - 58z + 4$ का मापांक है ।

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

यदि समीकरण निकाय

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

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

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

के अनंत हल हैं, तो K^2 बराबर है।

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

यदि $\alpha, \beta \in \mathbb{R}$ के लिए, आव्यूह $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$, $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$, $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ समीकरण $(A*B)*2I = 20I$, जहाँ

$A*B = A^2 + B^2$ है, को संतुष्ट करते हैं तो $|\alpha\beta|$ बराबर है ।

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

श्रेणी $\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$ के प्रथम ग्यारह पदों का योग है :

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

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

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

$$\lim_{x \rightarrow 0} (1 + 3x)^{\frac{x+2}{x}} \text{ बराबर है :}$$

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

माना बिंदु $Q(1, 2, 0)$ का रेखा $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$ में प्रतिबिंब $P(\alpha, \beta, \lambda)$ है। तो $(PQ)^2$ बराबर है:

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

एक बक्से में 7 लाल तथा 9 सफेद गेंद हैं। 8 गेंद, जिनमें कम से कम तीन गेंद प्रत्येक रंग की हों, निकालने के तरीकों की संख्या है:

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

माना $[t]$ महत्तम पूर्णांक फलन है। यदि $\int_0^1 [1+x^2+x^4] dx = a$, है, तो $36a - 25a^2 + 8a^3 - a^4$ बराबर है।

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

माना $PL = 8$ इकाई तथा $QM = 2$ इकाई के दो समांतर रेखा खंड हैं तथा रेखाखंड PM और QL , बिंदु R पर मिलते हैं। यदि PL तथा QM , बिंदुओं P, Q, R से होकर जाने वाले वृत्त की स्पर्श रेखाएँ हैं, तो वृत्त की त्रिज्या है

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

Options :

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

किसी $\alpha \in \mathbb{N}$, के लिए, माना त्रिभुज PQR के दो शीर्ष P(2, 5) तथा Q(α , -11) हैं। यदि बिंदु R, रेखा $l_1: 9x + 7y + \alpha = 0$ पर चलता है, तो ΔPQR का केन्द्रक रेखा l_2 , जो रेखा l_1 के समांतर रेखा l_1 से $\frac{20}{3\sqrt{130}}$ की दूरी पर है, पर चलना है। यदि Q की l_2 से दूरी $\frac{k}{3\sqrt{130}}$ है, तो k बराबर है।

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 1st quadrant and it is the image of point A_2 with respect to y -axis. If the distance of point A_1 from each of the points A_2 and A_3 is 2, then twenty times the area of the $\Delta A_1 A_2 A_3$ is

Options :

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

माना वृत्त $x^2 + y^2 = 10$ पर बिंदु $A_i(x_i, y_i)$, $i = 1, 2, 3$ इस प्रकार हैं कि A_1 प्रथम चतुर्थांश में है तथा यह y में सापेक्ष बिंदु A_2 का प्रतिबिंब है। यदि बिंदु A_1 की बिंदुओं A_2 तथा A_3 से 2 है, तो त्रिभुज $\Delta A_1A_2A_3$ का क्षेत्रफल का बीस गुना है।

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

7⁸⁹ को 15 से विभाजित करने पर शेषफल है

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

यदि बिंदु $(1, -1, 3)$ से होकर जाने वाला समतल $y = \alpha x - \beta y + \gamma$, समतलों $2x + y + z = 1$ तथा $3x - 2y + 2z = 0$ में से प्रत्यक के लंबवत है, तो $\alpha + \beta + \gamma$ बराबर है।

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

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

Options :

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

माना तीन सदिश $\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$ तथा $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ हैं। यदि सदिश \vec{r} के लिए

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

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

समीकरण $1 + x + x^2 + \dots + x^{118} = 0$ के एक यादृच्छया चुने गए मूल के समीकरण $x^7 = 1$ को संतुष्ट करने की प्रायिकता है।

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

माना X का द्विपद बंटन $B(n, p)$ है। यदि इसका माध्य 3 तथा प्रसरण 2 है, तो $P(X < \frac{n}{4})$ बराबर है।

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

फलन $f(x) = \cos^{-1}\left(\frac{x^2 - 3x + 2}{x^2 + 2x - 1}\right)$ का प्रांत है :

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

निम्न कथनों में कौन सा पुनरूक्ति है ?

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

Mathematics Section B

Section Id :	715505156
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	5
Section Marks :	20

Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505156
Question Shuffling Allowed :	Yes
Is Section Default? :	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

वक्रों $y + |x| = 3$ तथा $y = |x-1|$ से घिरे क्षेत्र को वक्र $y = x^2 + 1$, $m : n$ के अनुपात में बाँटता है, जहाँ m तथा n असहभाज्य संख्याएँ हैं, तो $m + n$ बराबर है _____ ।

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

30 एक समान पेन 12 छात्रों को बांटने के ऐसे तरीके, जिनमें प्रत्येक छात्र को कम से कम एक पेन मिले तथा ठीक दो छात्रों को कम से कम दो पेन मिलें, की संख्या है _____।

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

माना $(1+x^2-x^4)^{12} = \sum_{n=0}^{48} a_n x^n$ है। तो $a_0 + a_2 + a_4 + \dots + a_{44}$ बराबर है _____।

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

यदि श्रेणी $7 + 10 + 16 + 25 + 37 + \dots$, के प्रथम n पदों का योग S_n है, तो $S_{30} - S_{20}$ बराबर है _____।

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

यदि $[t]$ महत्तम पूर्णांक $\leq t$ है, तो ऐसे बिंदुओं, जिन पर फलन $f(x) = [x+x^3] + |x-x^3| + \left|x + \frac{1}{2}\right|$ विवृत अंतराल

$(-10, 10)$ में अवकलनीय नहीं है, की संख्या है _____।

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

यदि $\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + C$ है, जहाँ C एक स्वेच्छ अचर है, तो $f(0)$ बराबर है _____

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

माना अतिपरवलय, जिसकी नाभियाँ $(1, 5)$, $(1, -1)$ हैं तथा उत्केन्द्रता $\sqrt{3}$ है, का समीकरण $x^2 - 2y^2 + ax + by + c = 0$ है। तो $|a + b + c|$ बराबर है _____।

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

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 28 Question Id : 7155052491 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

माना α के मान, जिनके लिए बिंदु $(2, 4, 3)$ तथा समतल $3x + y + \alpha z + 10 = 0$ के बीच की दूरी $\sqrt{35}$ इकाई है, α_1, α_2 हैं। तो शीर्षों $(\alpha_1, \alpha_2, 0)$, $(\alpha_2, \alpha_1, 0)$ तथा $(\frac{164}{13}, 5, 0)$ के त्रिभुज का क्षेत्रफल _____ वर्ग इकाई है।

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 α is equal to _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 29 Question Id : 7155052492 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

माना O मूल बिंदु है तथा $\overrightarrow{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\overrightarrow{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$, तथा $\overrightarrow{OC} = \hat{u}$ एक समांतर षट्फलक की भुजाएँ हैं, जहाँ \hat{u} , xy - समतल में एक मात्रक सदिश है। यदि समांतर षट्फलक का अधिकतम आयतन $2\sqrt{\alpha}$ है, तो α बराबर है _____।

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

यदि अवकल समीकरण $\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ का हल वक्र बिंदुओं $(\sqrt{2}, \sqrt{2})$ तथा $(2, \alpha)$ से

होकर जाता है, तो $2\alpha - \log_e \left(\frac{\alpha^2 + 4\alpha + 2}{6} \right)$ बराबर है _____।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

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

अड़ोब है-

Options :

7155057781. सीमेट का प्रकार

7155057782. फ्लोर फिनिश का प्रकार

7155057783. पेन्ट का प्रकार

7155057784. ईट का प्रकार

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

Given below are two statements:

कथन I : चण्डीगढ़ भारत की पहली नियोजक शहर है।

कथन II : चण्डीगढ़ को स्विस फ्रेंच आर्किटेक्ट ली-कॉर्बूजियर ने बनाया है।

सही विकल्प चुनिये-

Options :

7155057785. कथन I व कथन II दोनों सत्य है।

7155057786. दोनों कथन I व कथन II असत्य है।

7155057787. कथन I सत्य है व कथन II असत्य है

7155057788. कथन I असत्य है व कथन II सत्य है

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

कथन I : ग्लास की ऊष्मा चालकता कम होती है।

कथन II : ग्लास अवशोषित, अपवर्तन व पारगमन कर सकता है।

कथनों के आधार पर सही विकल्प चुनें।

Options :

7155057789. दोनों कथन I व कथन II सत्य है।

7155057790. दोनों कथन I व कथन II असत्य है।

7155057791. कथन I सत्य है व कथन II असत्य है।

7155057792. कथन I असत्य है व कथन II सत्य है।

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

सूची I व सूची II मिलाइए

सूची I		सूची II	
A.	PMUY	I.	कौशल विकास योजना
B.	PMAY	II.	जन धन योजना
C.	PMKVY	III.	उज्ज्वला योजना
D.	PMJDY	IV.	आवास योजना

सही विकल्प चुनें।

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

सूची I व सूची II मिलाएँ।

सूची I		सूची II	
A.	सी. पी कुकरेजा	I.	IIM अहमदाबाद
B.	लुईस आई काहन	II.	जवाहर लाल नहेरु विश्व विद्यालय
C.	बी.वी दोशी	III.	IIT कानपुर
D.	अच्युत कानविंदे	IV.	IIM बैंगलोर

सही विकल्प चुनें:

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

निम्न में से कौन परिपूरक रंग नहीं है?

Options :

7155057801. नीला-नारंगी

7155057802. लाल-हरा

7155057803. नीला - हरा

7155057804. बैंगनी - पीला

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

रॉबर्स केव भारत के किस राज्य में स्थित है?

Options :

7155057805. हिमाचल प्रदेश

7155057806. उत्तराखण्ड

7155057807. उत्तर प्रदेश

7155057808. मध्य प्रदेश

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

पेट्रोनस टावर उपस्थित है -

Options :

7155057809. पेरिस

7155057810. दुबई

7155057811. कुआला लम्पुर

7155057812. न्यूयॉर्क

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

कोनार्क मंदिर किस राज्य में स्थित है?

Options :

7155057813. मध्य प्रदेश

7155057814. ओड़िशा

7155057815. कर्नाटक

7155057816. राजस्थान

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

लोटस टेम्पल का रचनाकार कौन है?

Options :

7155057817. लुई आई कान

7155057818. मोशे सफदाई

7155057819. फरीबोर्ज सहबा

7155057820. रिचर्ड मेयर

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

कम वजन उठाने वाली छोटी लिफ्ट को कहते है?

Options :

7155057821. ए डेड बिअरर

7155057822. ए डम्ब वेटर

7155057823. ए जोकी बॉय

7155057824. ए पुश अपर

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

निम्न में से कौन ओड़िसा की जुड़वा शहर कहे जाते है -

Options :

7155057825. भुवनेश्वर-पुरी

7155057826. पुरी - कटक

7155057827. भुवनेश्वर - कटक

7155057828. भुवनेश्वर - राउरकेला

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

मानव सभ्यता का उनकी उपस्थिति के आधार पर सही क्रम कौन-सा है?

Options :

7155057829. मेसोपोटामिया -हरप्पा - इजिप्शियन - चाइनीज

7155057830. मेसोपोटामिया - इजिप्शियन- हरप्पा- चाइनीज

7155057831. मेसोपोटामिया- चाइनीज- हरप्पा - इजिप्शियन

7155057832. इजिप्शियन - मेसोपोटाशियम- हरप्पा - सुमेरियन

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

दिल्ली की कुतुब मीनार किसके बनवाई थी?

Options :

7155057833. शाहजहान

7155057834. जहाँगीर

7155057835. अकबर

7155057836. कुतुब-उद्दीन ऐबक

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

दक्षिणी गोलार्द्ध में किस दिशा में आपको वर्ष भर चकाचौंध मुक्त प्रकाश प्राप्त होगा?

Options :

7155057837. उत्तर

7155057838. दक्षिण

7155057839. पूर्व

7155057840. पश्चिम

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

जवाहर कला केन्द्र का रचनाकार कौन है?

Options :

7155057841. राज रेवल

7155057842. चार्ल्स कोरिया

7155057843. अच्युत कानविन्दे

7155057844. हाफ़ीज कॉन्ट्रेक्टर

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

धज्जी-देवारी निर्माण शैली कहाँ लोकप्रिय है?

Options :

7155057845. तटवर्तीय क्षेत्र

7155057846. समतल

7155057847. पहाड़ी इलाका

7155057848. रेगिस्तान

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

पहाड़ी क्षेत्र में छत बनाने के लिये कौन सा पत्थर उपयोग करते है?

Options :

7155057849. मार्बल

7155057850. ग्रेनाइट

7155057851. शैल

7155057852. बालू पत्थर

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

चण्डीगढ़ किस तरह के नियोजन का उदाहरण है?

Options :

7155057853. रेडियो सेन्ट्रिक

7155057854. ग्रिड आयरन

7155057855. लिनियर

7155057856. ऑर्गेनिक

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

अगर आपको गोवा के समुद्री किनारे पर निर्माण करना है, तो कौन-सा कमरा समुद्र का दृश्य देगा?

Options :

7155057857. उत्तर की ओर

7155057858. दक्षिण की ओर

7155057859. पूर्व की ओर

7155057860. पश्चिम की ओर

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

नेशनल इन्स्टीट्यूट ऑफ फैशन टेक्नोलॉजी ("NIFT") किसने बनाया है?

Options :

7155057861. बी.वी दोशी

7155057862. सी.पी कुकुरेजा

7155057863. राज रेवल

7155057864. विमल पटेल





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

सूची I को सूची II से मिलाये-

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

नीचे दिये विकल्पों :

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

सूची I व सूची II को मिलान करिए।

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

नीचे दिये गये विकल्पों में से सही उत्तर का चयन कीजिए।

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

कथन I : लाल, नीला एवं पीला, रंग पहिये के प्राथमिक रंग हैं

कथन II : रंग जो रंग पहिये में एक-दूसरे के विपरित रखे जाते है रंग पर उनको परिपूरक रंग कहते है।

सही विकल्प चुनो।

Options :

7155057873. कथन I व कथन II सत्य है।

7155057874. दोनो कथन I व कथन II असत्य है।

7155057875. कथन I सत्य व कथन II असत्य है।

7155057876. कथन I असत्य व कथन II सत्य है।

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

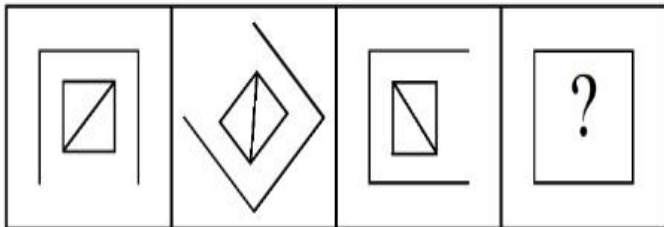
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

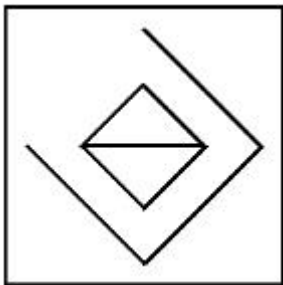
Correct Marks : 4 Wrong Marks : 1

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.

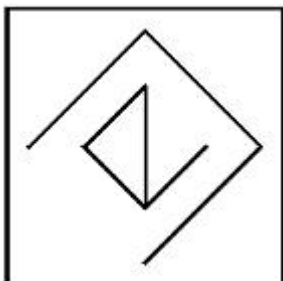
PROBLEM FIGURES



Options :

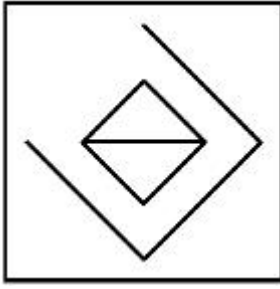


7155057877.

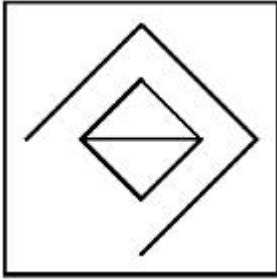


7155057878.

7155057879.



7155057880.



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

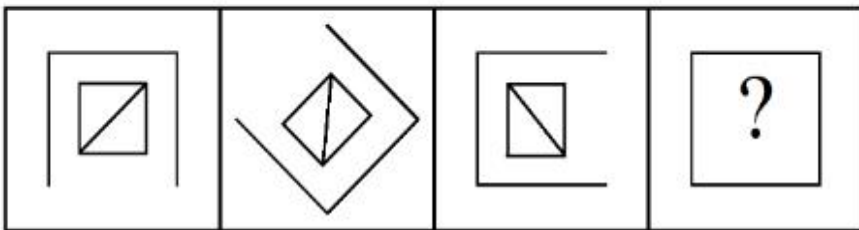
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

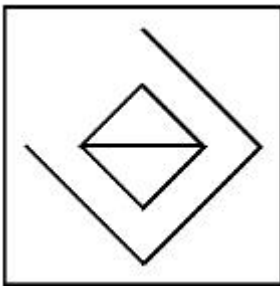
Correct Marks : 4 Wrong Marks : 1

प्रश्न चित्र की श्रृंखला को पूरा करता हुआ, उत्तर विकल्पों में से सही विकल्प चुनिए।

PROBLEM FIGURES

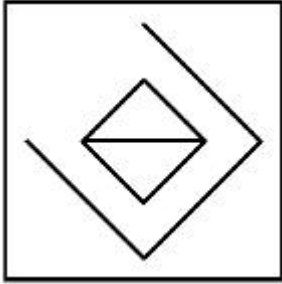
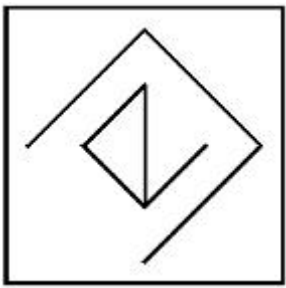


Options :

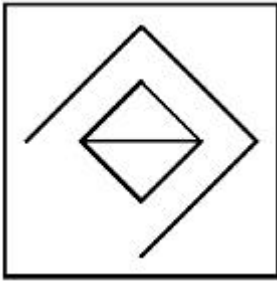


7155057877.

7155057878.



7155057879.

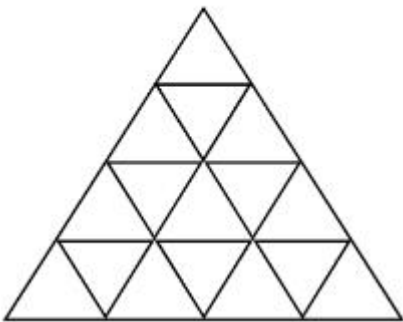


7155057880.

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

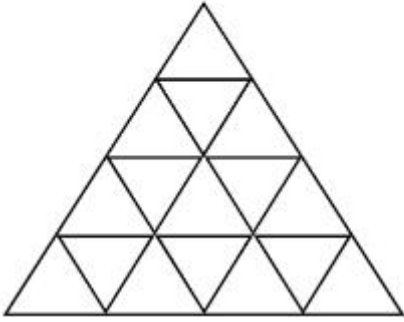
7155057883. 27

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

दिये गये प्रश्न में कितने त्रिभुज हैं?



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

विषम संख्या ज्ञात कीजिए।

7, 9, 25, 32, 43, 59

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

एक आवासीय भवन में 15 तल है। भूतल की ऊँचाई 4.2 मीटर (स्लैब की चौड़ाई व लम्बाई)। बाकी सब तल की ऊँचाई 3.3 मीटर है। भवन की कुल ऊँचाई (भूतल से हल तक) मीटर में कितनी है?

Options :

7155057889. 45.6 मीटर

7155057890. 50 मीटर

7155057891. 50.4 मीटर

7155057892. 51.6 मीटर

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

प्रश्न शब्द का दर्पण प्रतिबिम्ब चुनिए -

SUCCESS

Options :

7155057893. 22ECCU2

7155057894. 22ECCU2

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

नक्शे का माप 1:1000 है। यदि कोई कार बिन्दु 'A' से बिन्दु 'B' तक 7 cm यात्रा करती है नक्शे पर। तो कार वास्तविकता में कितनी यात्रा करती है?

Options :

7155057897. 0.7 km

7155057898. 7000 mm

7155057899. 7 km

7155057900. 70 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

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

एक भूमि का टुकड़े का माप 80 मीटर \times 40 मीटर है जिसे एक आवास बनाने के लिये 1:100 माप पर पेपर पर बनाया गया है। पेपर पर बनाये गये भूमि का माप क्या होगा?

Options :

7155057901. 8 मी. \times 4 मी.

7155057902. 80 मी. \times 40 मी.

7155057903. 8 मी. \times 4 मी.

7155057904. 4 मी. \times 2 मी.

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

दिये हुये श्रृंखला में खोया हुआ नम्बर ज्ञात करें।

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

किसी कोड़ भाषा में ROMAN को TQOCP लिखा गया है। तो उसी भाषा में ITALY को क्या लिखेंगे?

Options :

7155057909. KVCMA

7155057910. KWCNB

7155057911. KUCLA

7155057912. KVCNA

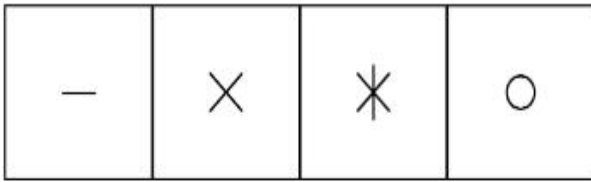
Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is

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

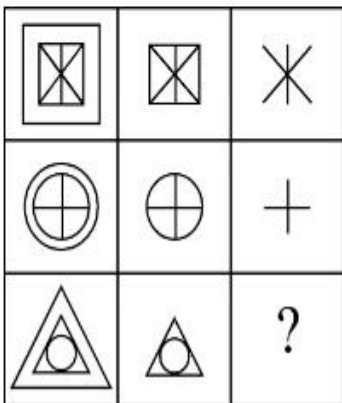
Instruction Time : 0

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

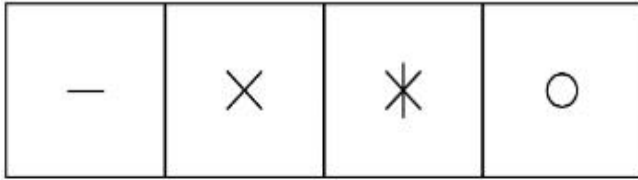
Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is

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

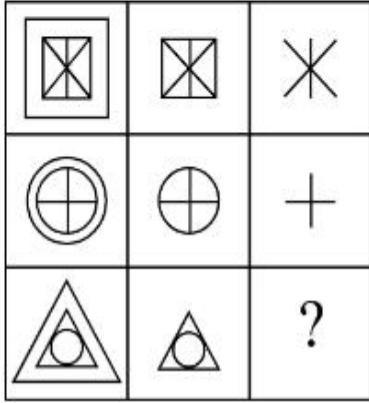
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

चार दिये गये विकल्पों में से सबसे सही विकल्प चुनें जो खाली जगह पर भराद जायेगा?



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



Options :

7155057913. D

7155057914. C

7155057915. B

7155057916. A

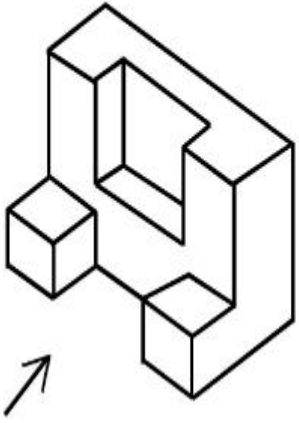
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is

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

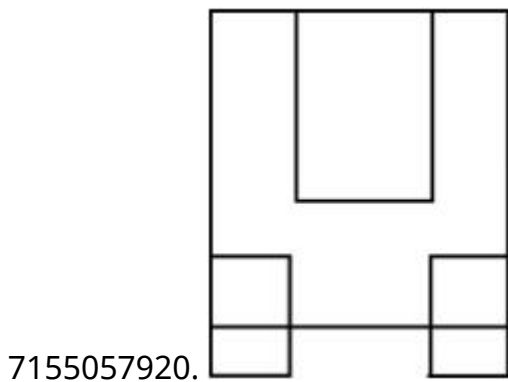
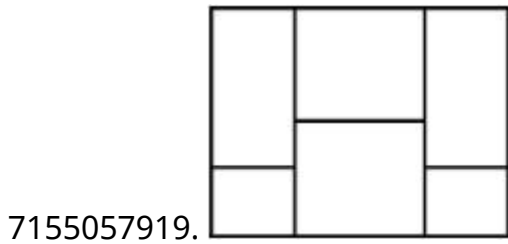
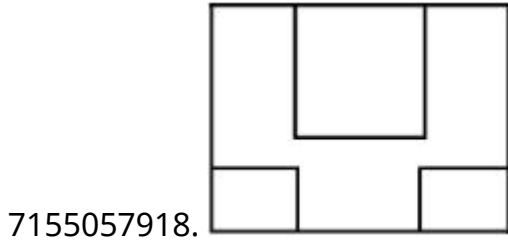
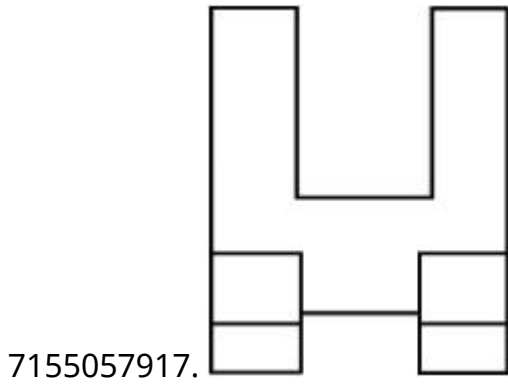
Instruction Time : 0

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.



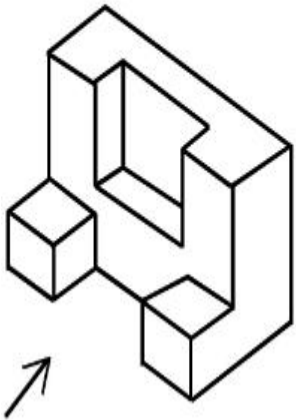
Options :



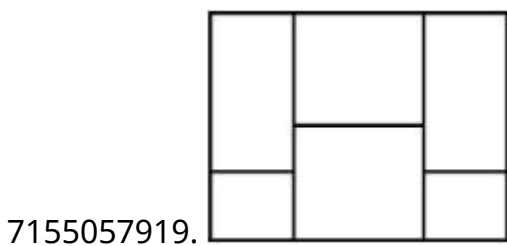
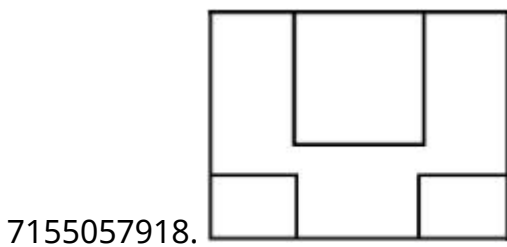
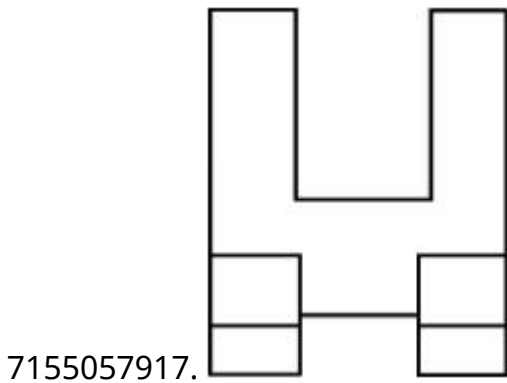
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

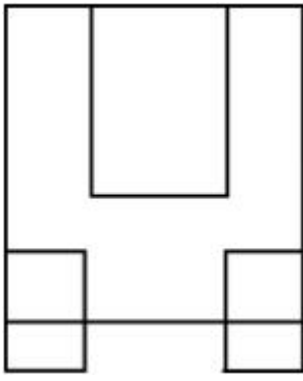
प्रश्न चित्र में एक वस्तु का 3D दृश्य दिखाया गया है। तीर की दिशा में देखते हुये वस्तु का सम्मुख दृश्य दिये विकल्पों में चुनिए।



Options :



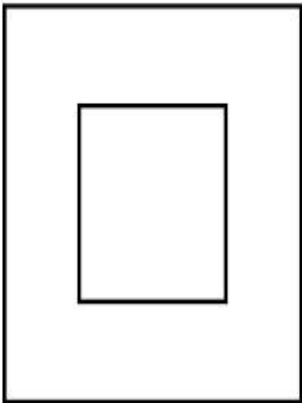
7155057920.



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

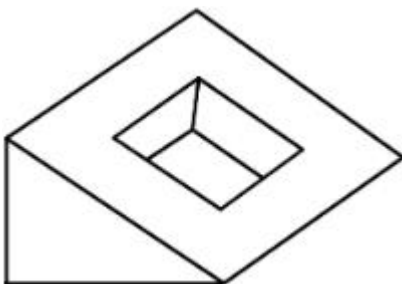
Correct Marks : 4 Wrong Marks : 1

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

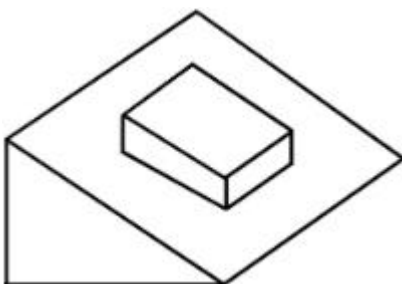


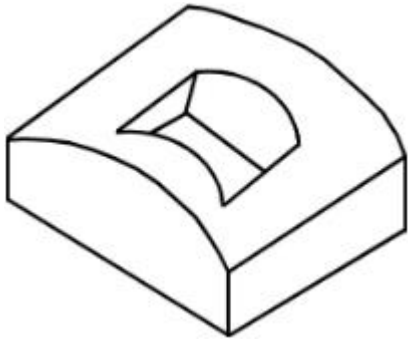
Options :

7155057921.

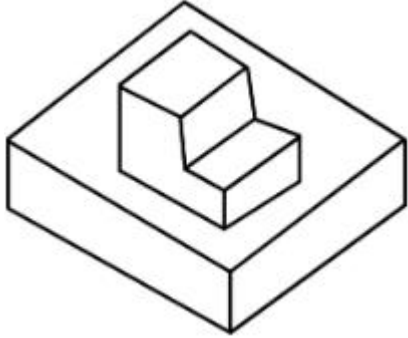


7155057922.





7155057923.

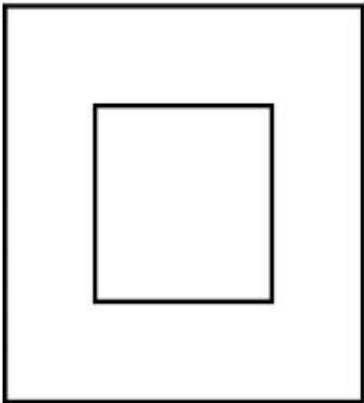


7155057924.

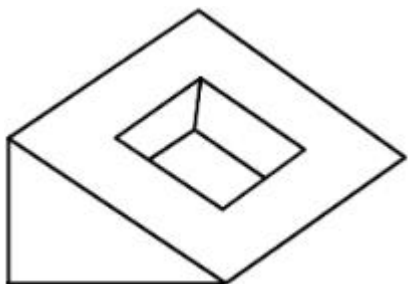
Question Number : 66 Question Id : 7155052529 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रश्न चित्र में वस्तु का ऊपरी दृश्य दिया गया है। दिये गये विकल्पों में गलत 3D दृश्य चुनें।

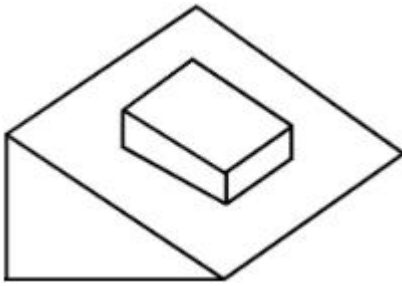


Options :

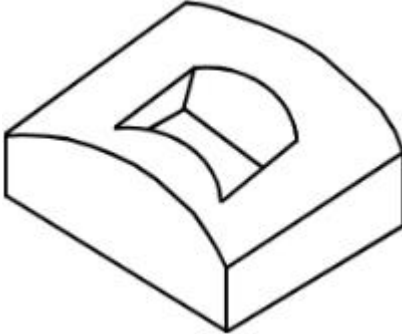


7155057921.

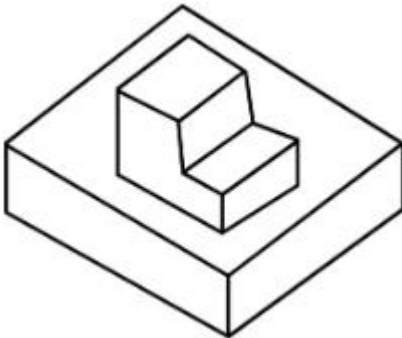
7155057922.



7155057923.



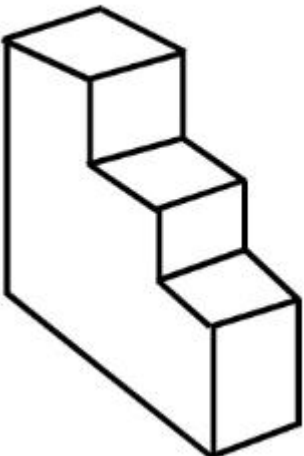
7155057924.



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

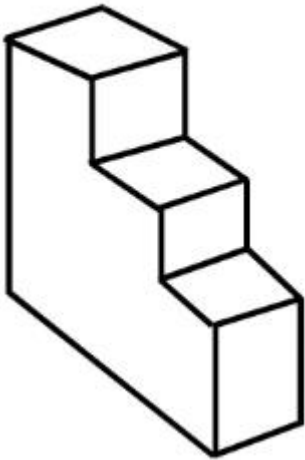
Question Number : 67 Question Id : 7155052530 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दी गई वस्तु के पृष्ठों की संख्या ज्ञात करें।



Options :

7155057925. 9

7155057926. 10

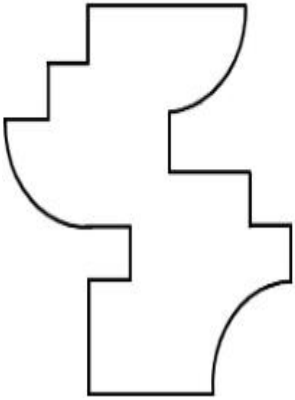
7155057927. 8

7155057928. 11

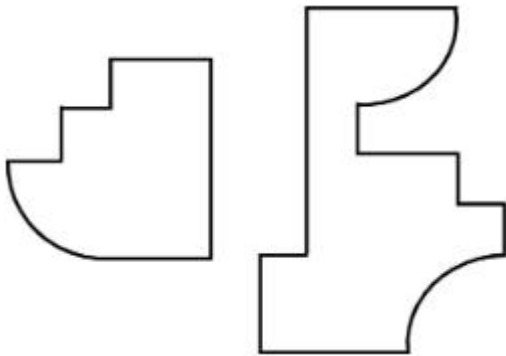
Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

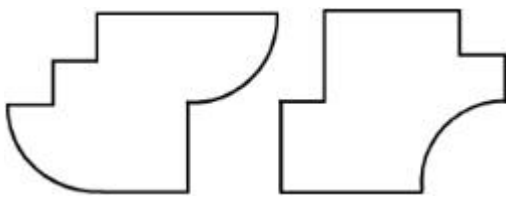
If the question figure is cut into two parts, which of the answer figures complete the question figure without any overlappings?



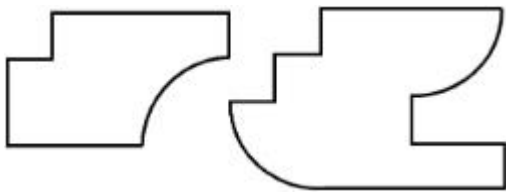
Options :



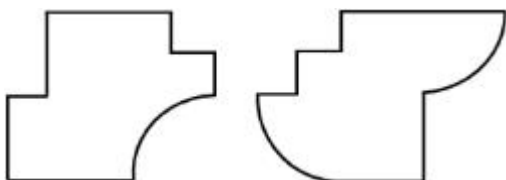
7155057929.



7155057930.



7155057931.

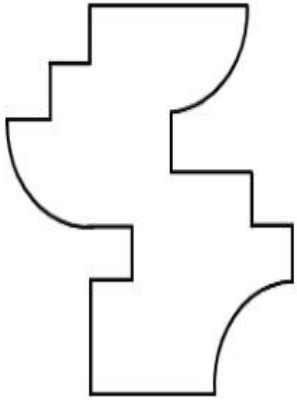


7155057932.

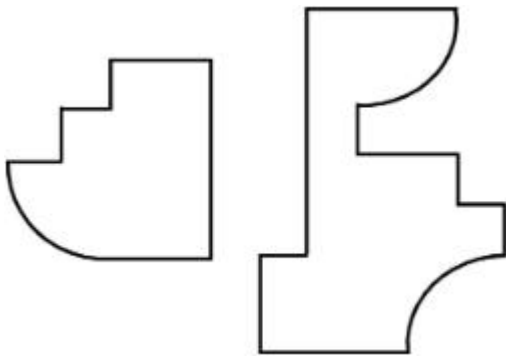
Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

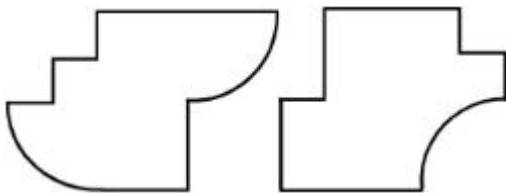
अगर प्रश्न चित्र को दो भागों में बाँटा जाये तो कौन सा विकल्प चित्र को पूरा करेगा बिना एक दूसरे को ढके हुये।



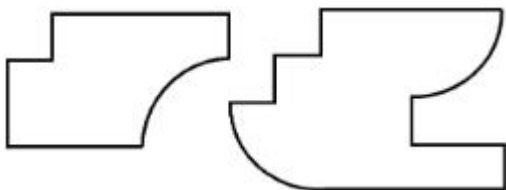
Options :



7155057929.

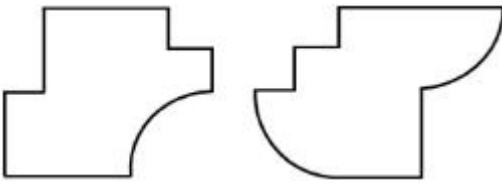


7155057930.



7155057931.

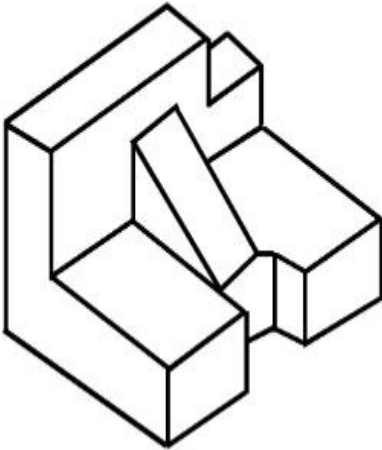
7155057932.



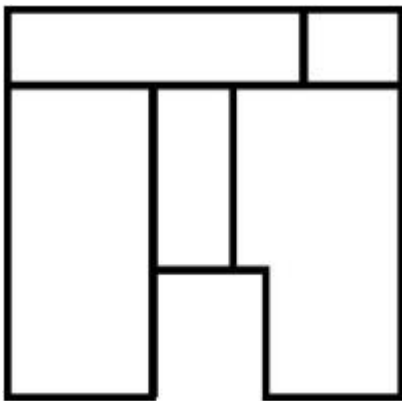
Question Number : 69 Question Id : 7155052532 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

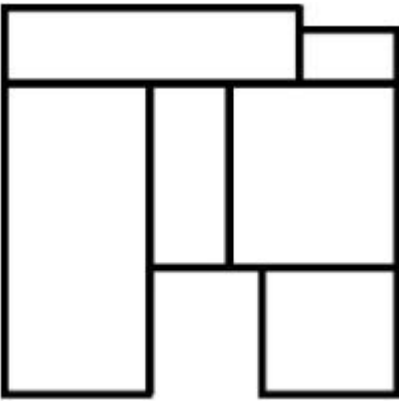


Options :

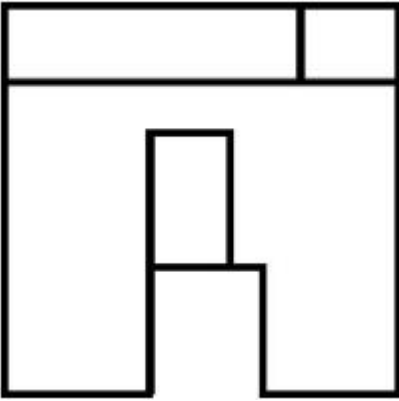


7155057933.

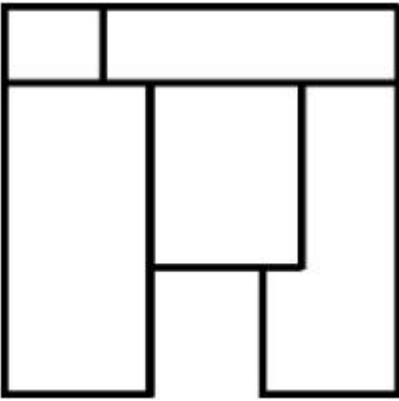
7155057934.



7155057935.



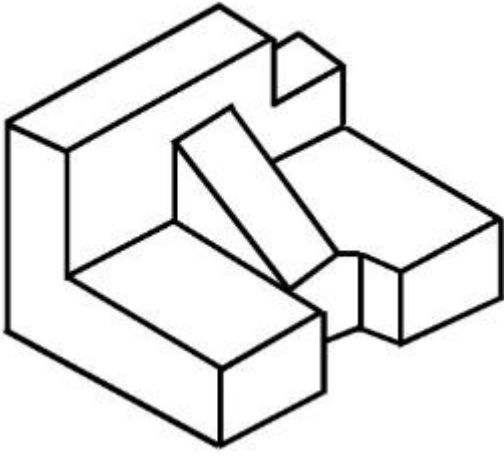
7155057936.



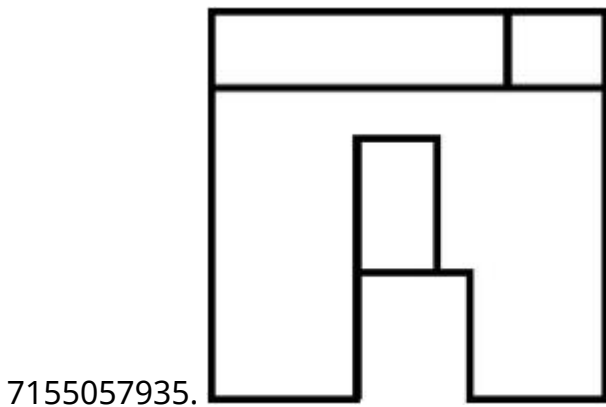
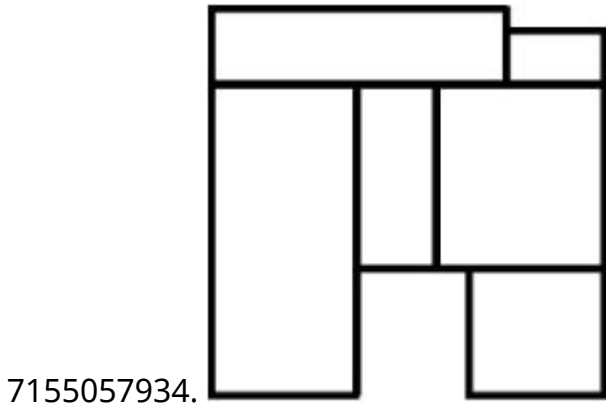
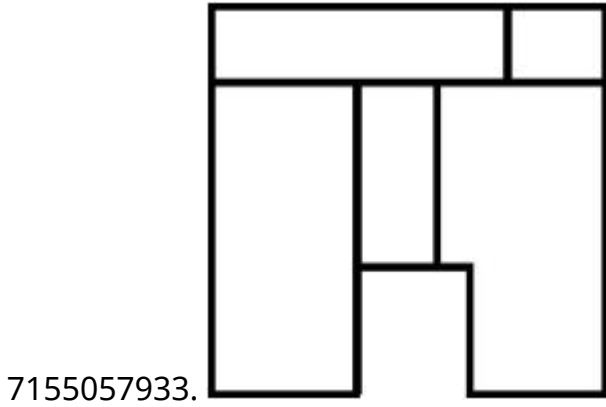
**Question Number : 69 Question Id : 7155052532 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

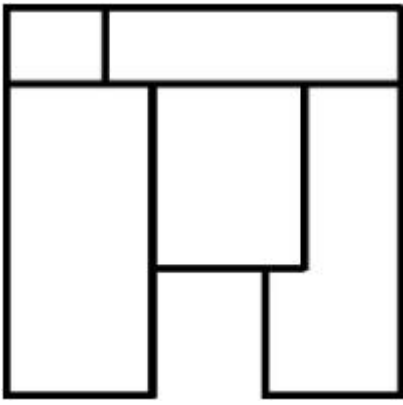
प्रश्न में दिये गये 3D दृश्य का ऊपरी दृश्य ज्ञात करें।



Options :



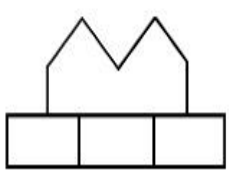
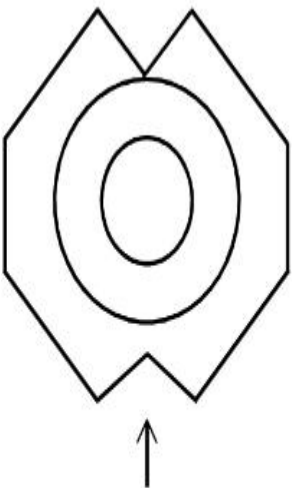
7155057936.



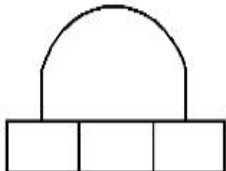
Question Number : 70 Question Id : 7155052533 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

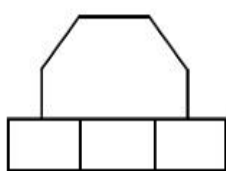
Identify the correct elevation when you look into the object from the marked arrow side of the plan of the object.



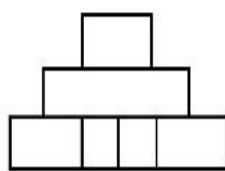
A



B



C



D

Options :

7155057937. D

7155057938. A

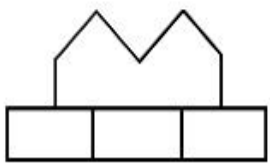
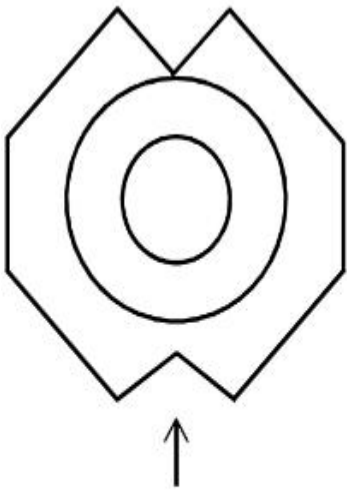
7155057939. B

7155057940. C

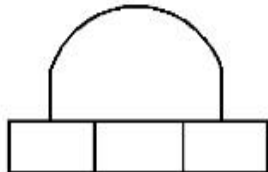
Question Number : 70 Question Id : 7155052533 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

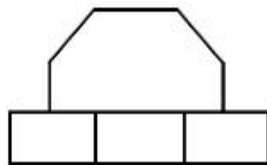
दिये गये वस्तु के ऊपरी दृश्य का तीर की दिशा में देखते हुये सम्मुख दृश्य ज्ञात करें।



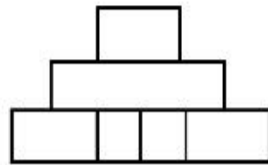
A



B



C



D

Options :

7155057937. D

7155057938. A

7155057939. B

7155057940. C

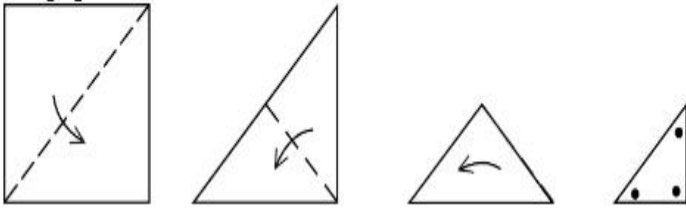
Question Number : 71 Question Id : 7155052534 Question Type : MCQ Option Shuffling : Yes Is

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

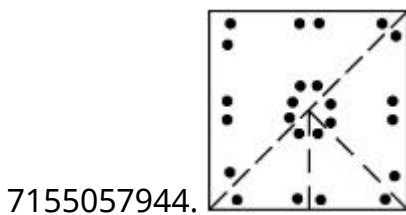
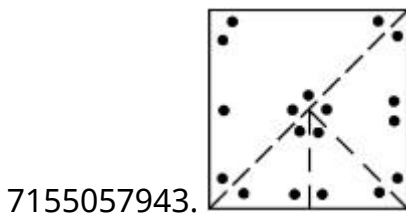
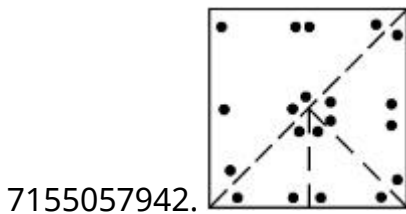
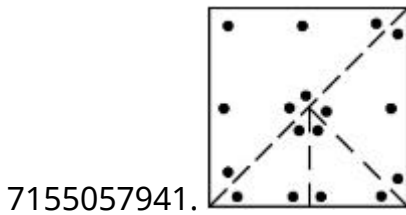
Instruction Time : 0

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

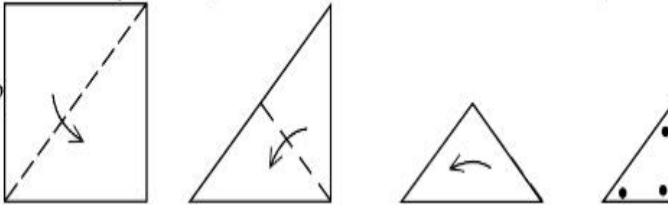
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

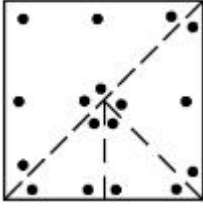
एक पेपर को दी गई श्रृंखला में मोड़ा जाता है और उसे अन्त से काट दिया जाता है। पेपर को वापस खोलने पर

कौन-सी श्रृंखला बनेगी?

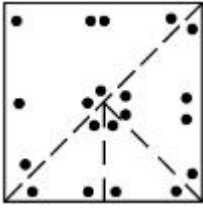


Options :

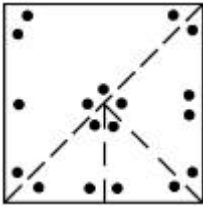
7155057941.



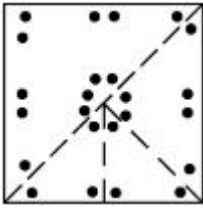
7155057942.



7155057943.



7155057944.



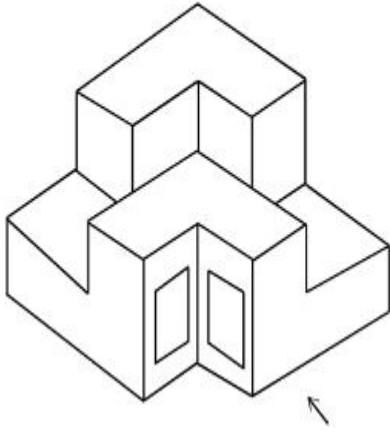
Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is

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

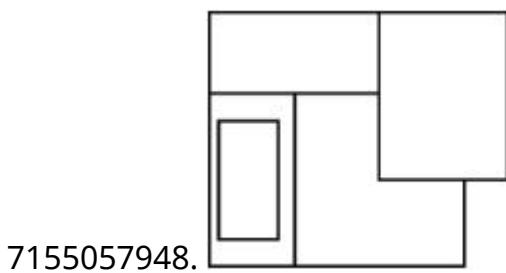
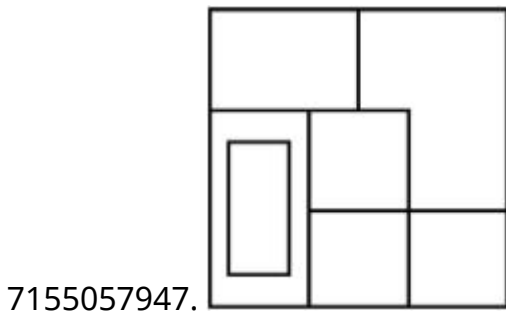
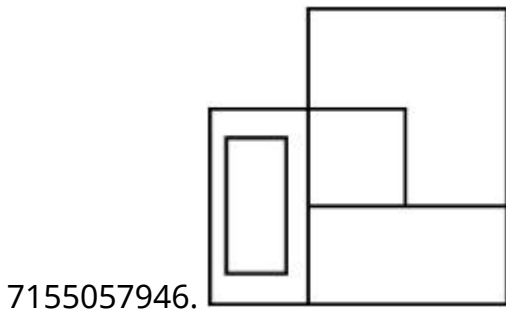
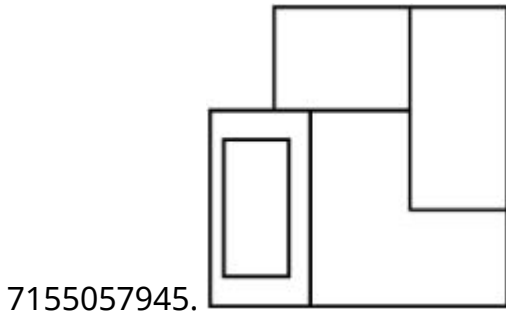
Instruction Time : 0

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.



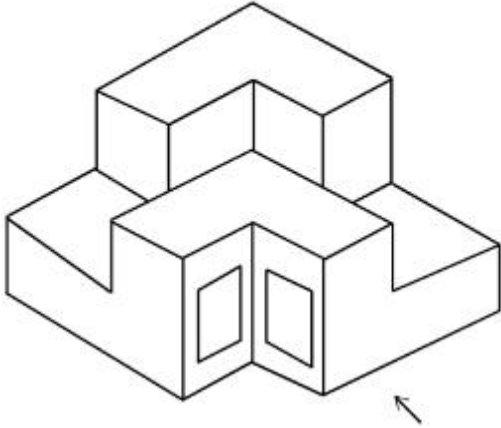
Options :



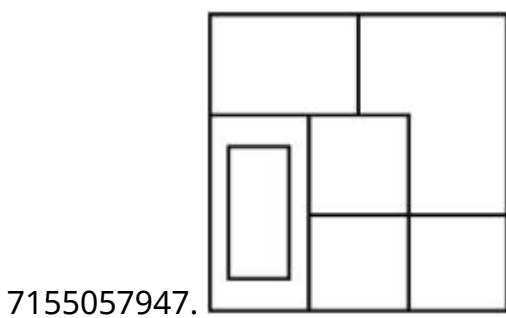
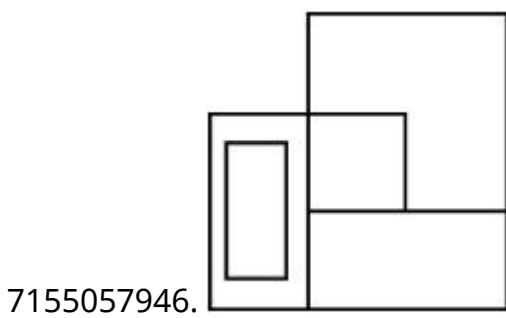
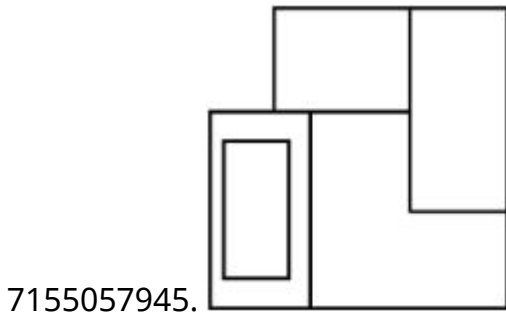
Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

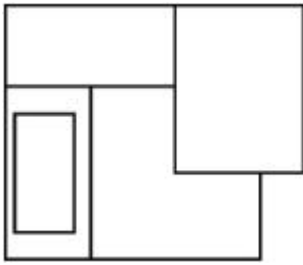
प्रश्न में दिये गये 3-D दृश्य का तीर की दिशा में देखते हुये सम्मुख दृश्य ज्ञात करें।



Options :



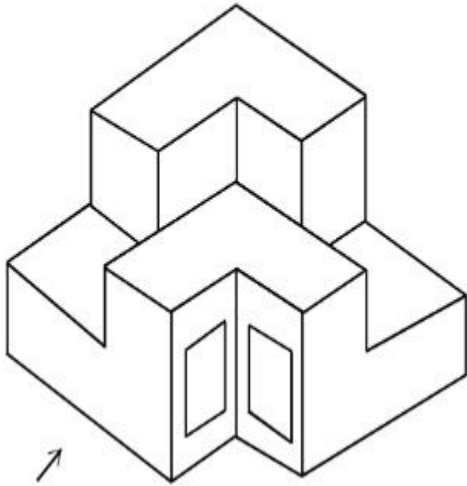
7155057948.



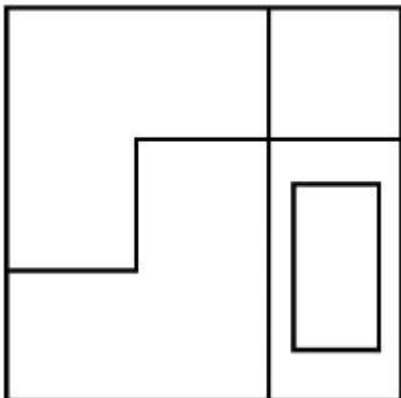
Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

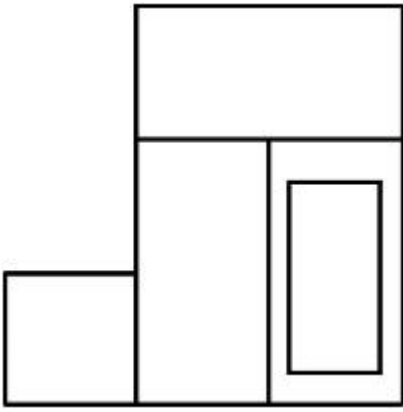


Options :

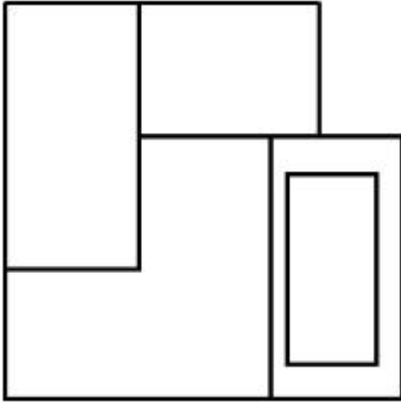


7155057949.

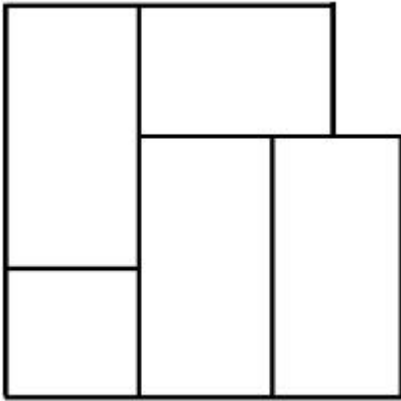
7155057950.



7155057951.



7155057952.



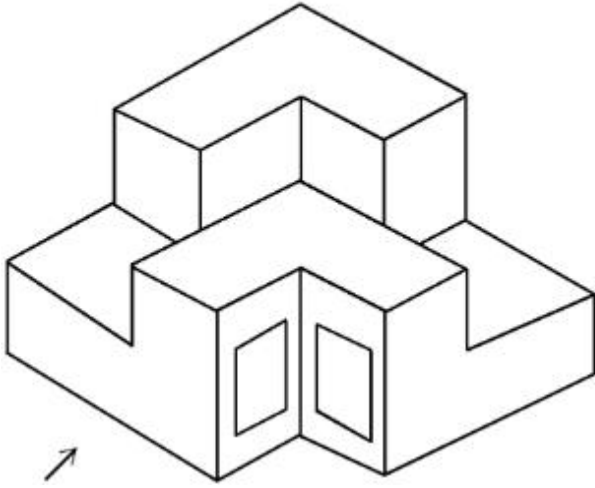
Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is

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

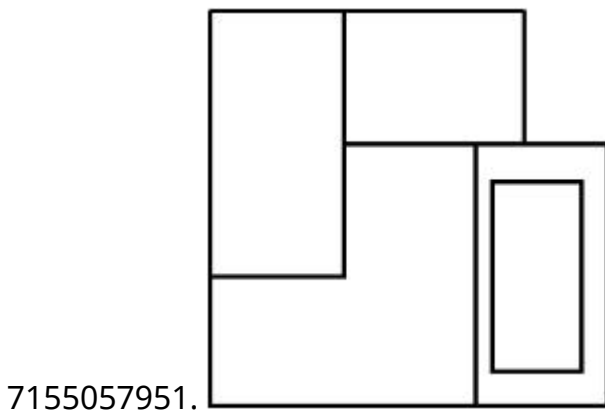
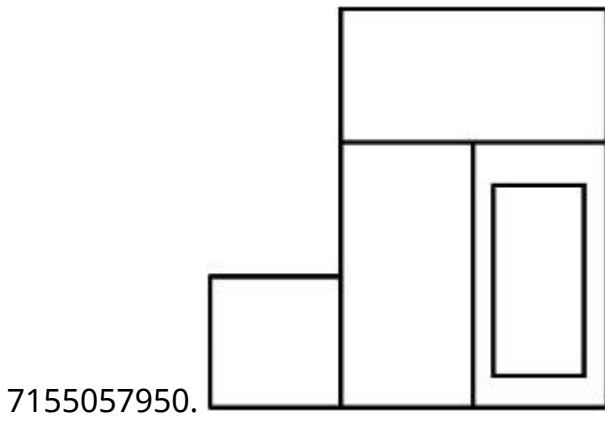
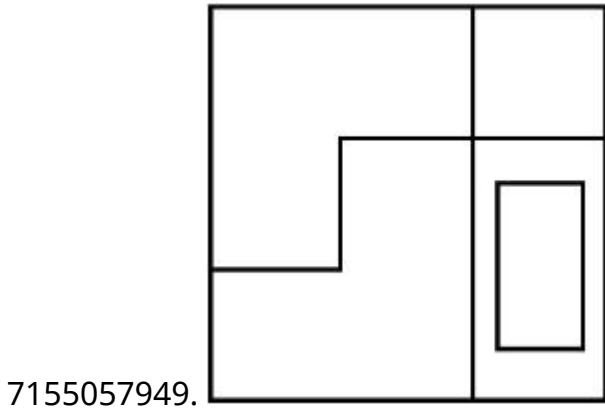
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

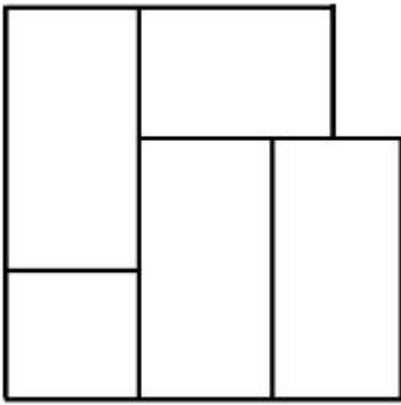
दिये गये 3-D दृश्य का तीर की दिशा में देखते हुये, सम्मुख दृश्य विकल्पों में चुनें।



Options :



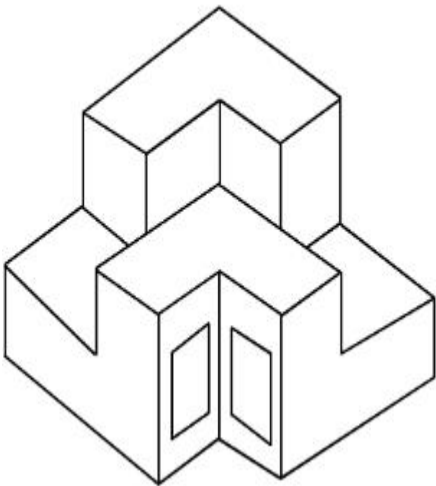
7155057952.



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

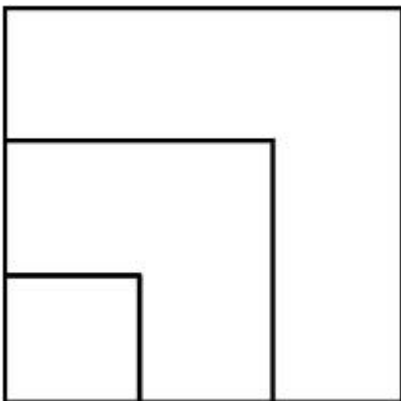
Correct Marks : 4 Wrong Marks : 1

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

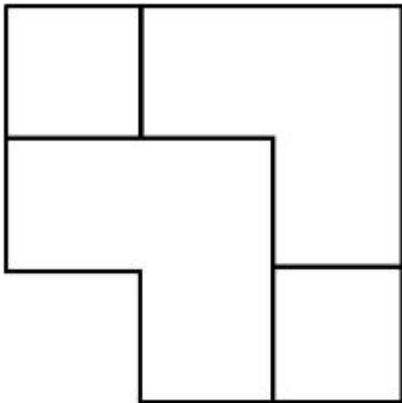
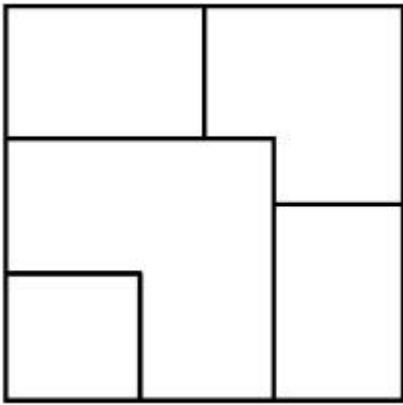


Options :

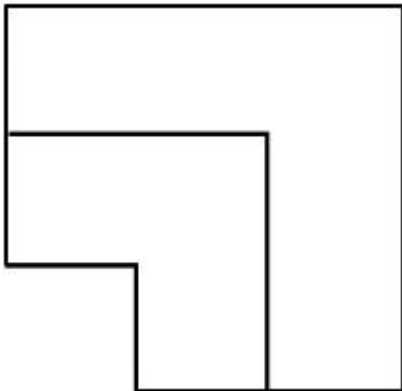
7155057953.



7155057954.



7155057955.

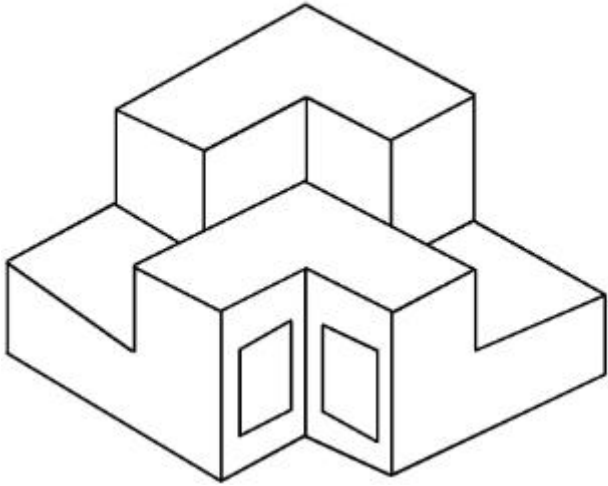


7155057956.

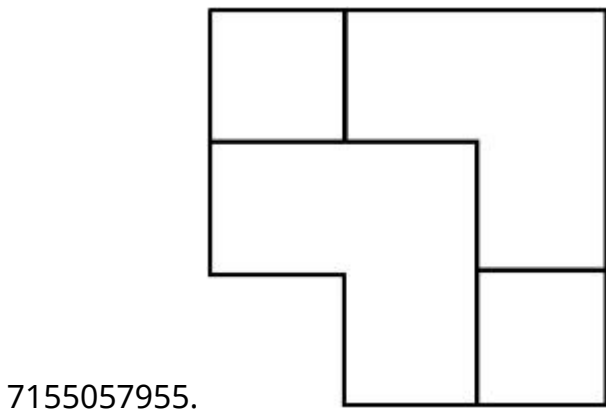
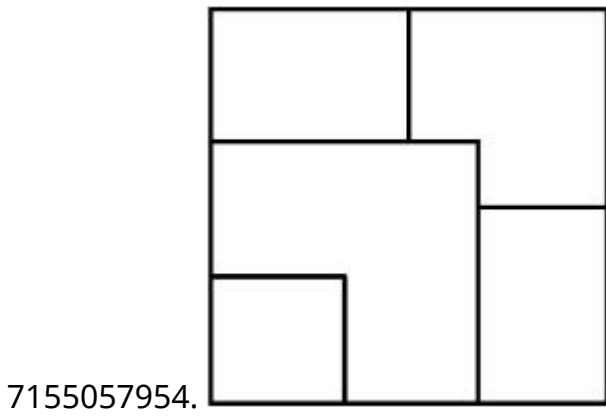
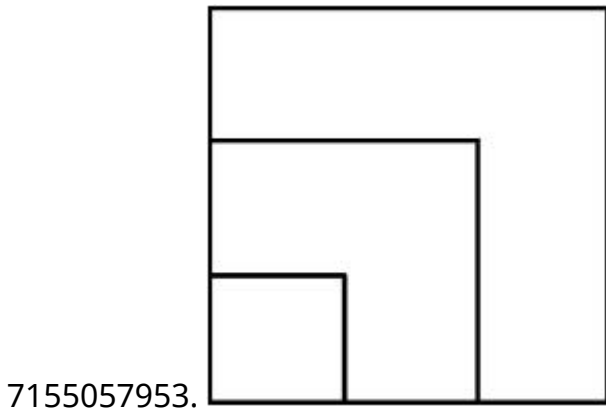
Question Number : 74 Question Id : 7155052537 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

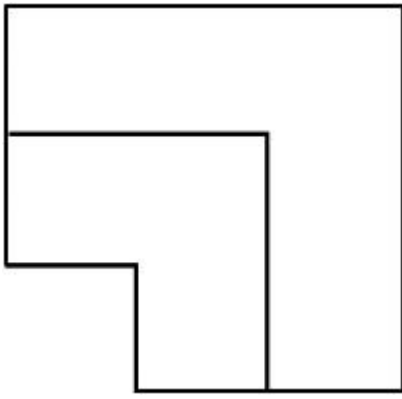
Correct Marks : 4 Wrong Marks : 1

दिये गये विकल्पों में से 3-D दृश्य का ऊपरी दृश्य चुनें।



Options :



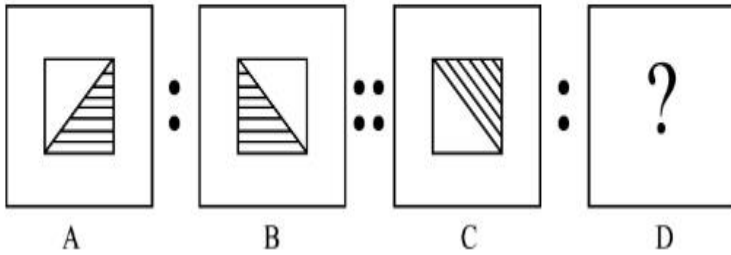


7155057956.

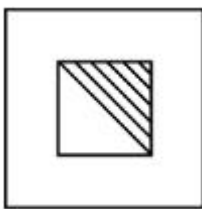
Question Number : 75 Question Id : 7155052538 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

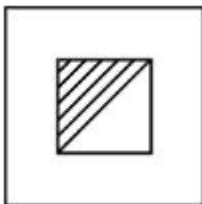
The second figure in the first part of the problem figures bears certain relationship to the first figure. Similarly, one of the figures of answer figures bears the same relationship to the first figure of the second part. Identify the correct option from the given answer figures.



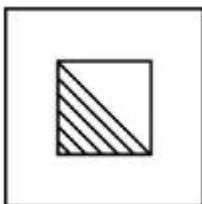
Options :



7155057957.



7155057958.



7155057959.

7155057960.



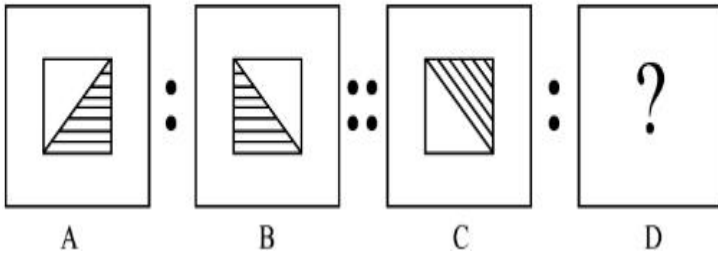
Question Number : 75 Question Id : 7155052538 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

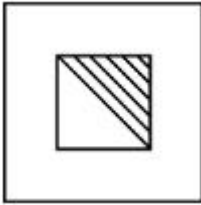
Correct Marks : 4 Wrong Marks : 1

प्रश्न में दिया गया दूसरा चित्र पहले चित्र से किसी प्रकार सम्बन्धित है। उसी प्रकार दूसरे भाग में सम्बन्ध दिखाता हुआ सही विकल्प चुनें।

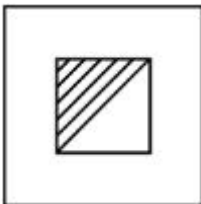


Options :

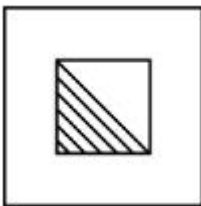
7155057957.



7155057958.



7155057959.



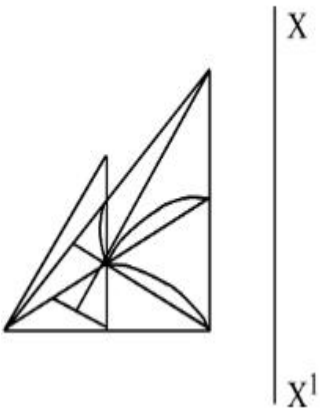
7155057960.



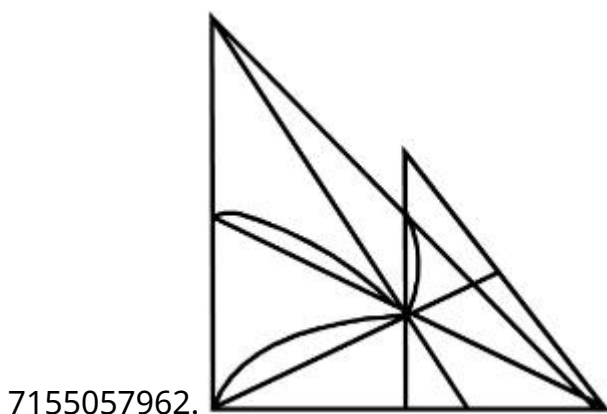
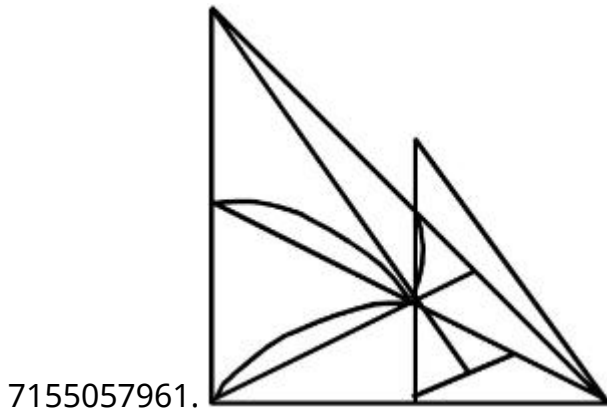
Question Number : 76 Question Id : 7155052539 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

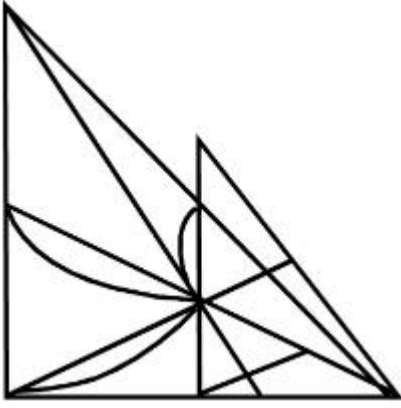
Identify the true mirror image of the figure amongst the answer figures with respect to X-X



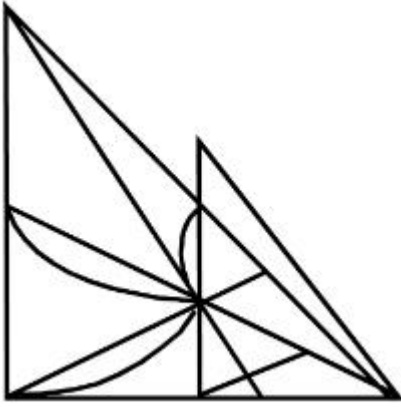
Options :



7155057963.



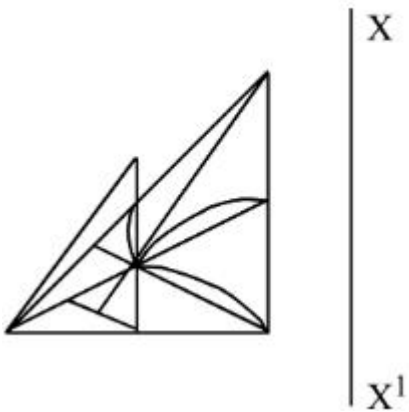
7155057964.



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

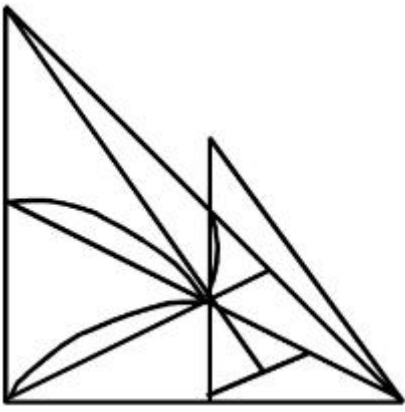
Correct Marks : 4 Wrong Marks : 1

X-X के आधार पर दिये गये चित्र का दर्पण प्रतिबिम्ब ज्ञात करें।

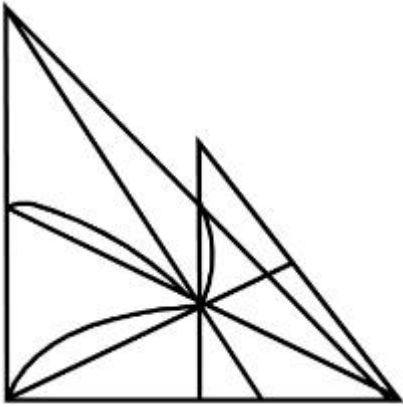


Options :

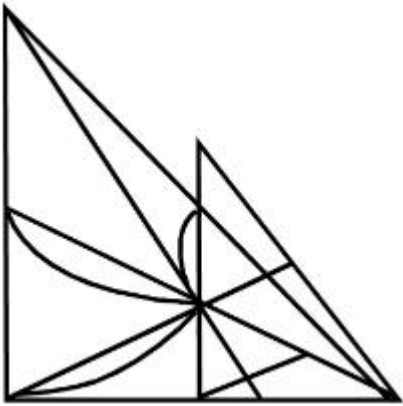
7155057961.



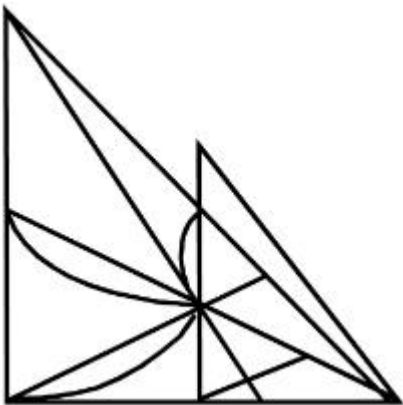
7155057962.



7155057963.



7155057964.

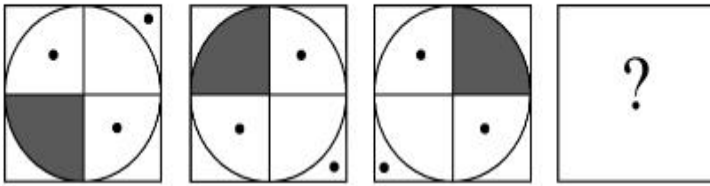


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

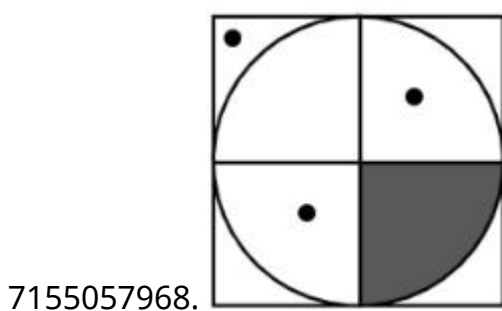
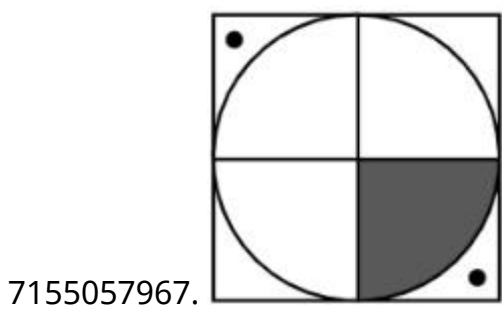
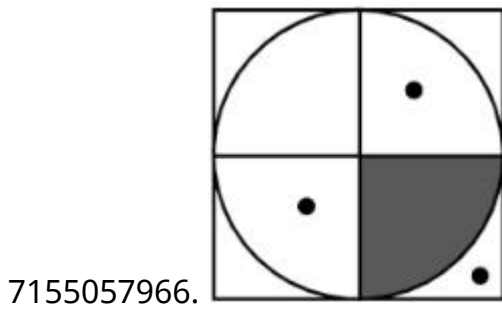
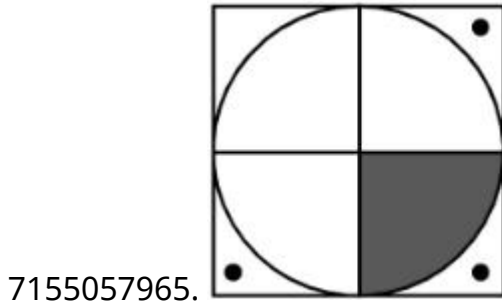
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



Options :



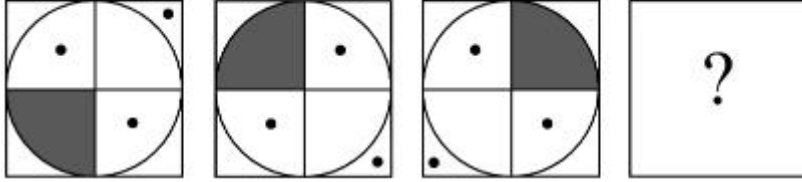
Question Number : 77 Question Id : 7155052540 Question Type : MCQ Option Shuffling : Yes Is

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

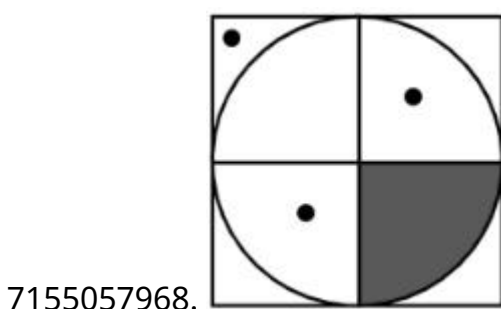
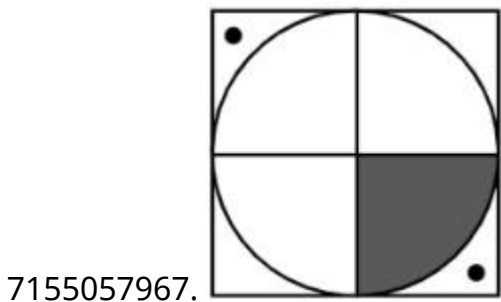
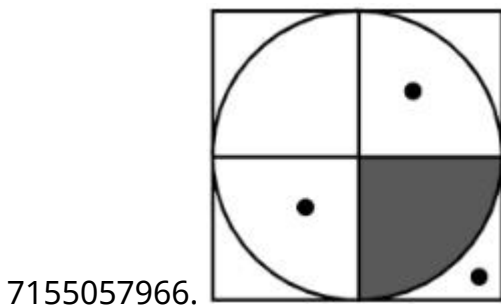
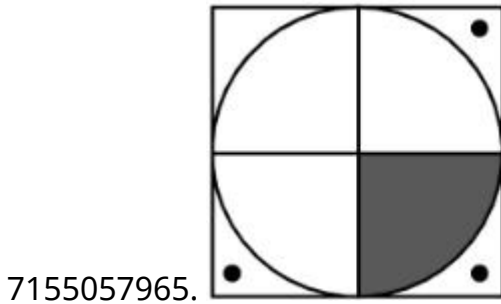
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिये गये विकल्पों में श्रृंखला को पूरा करने वाला विकल्प चुनें।



Options :



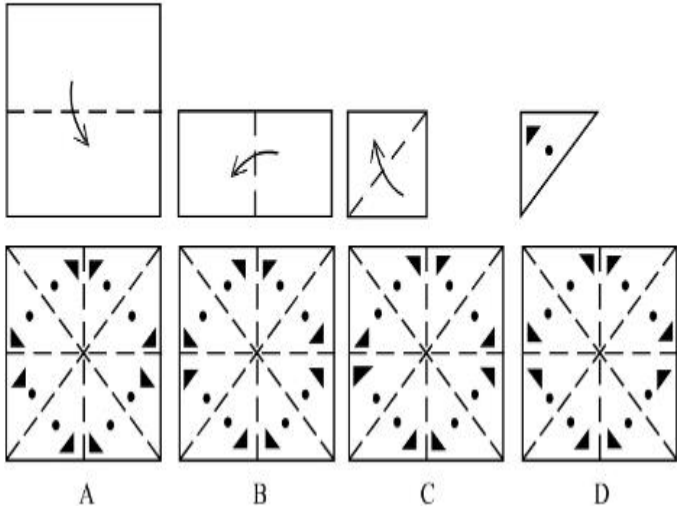
Question Number : 78 Question Id : 7155052541 Question Type : MCQ Option Shuffling : Yes Is

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

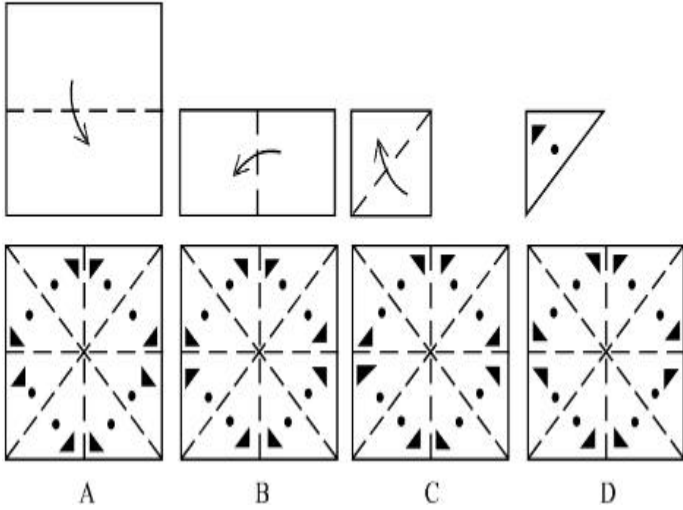
Question Number : 78 Question Id : 7155052541 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पेपर को दी गई श्रृंखला में मोड़ा जाता है एवं उसे दिये गये चित्र की तरह काट दिया जाता है। पेपर खोलने पर कैसा दिखेगा दिये गये विकल्पों में चुनें।



Options :

7155057969. B

7155057970. A

7155057971. D

7155057972. C

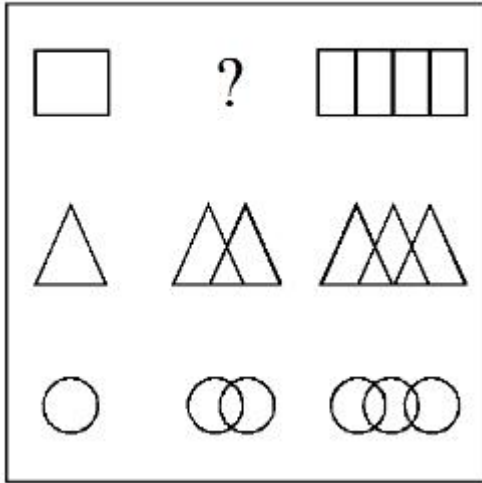
Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is

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

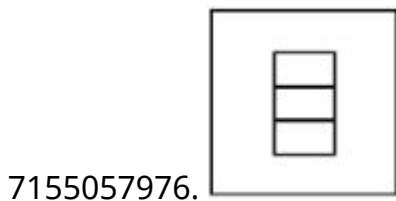
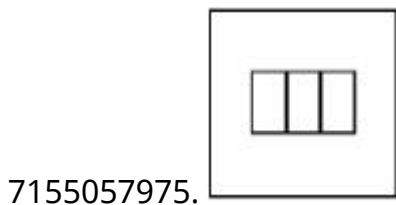
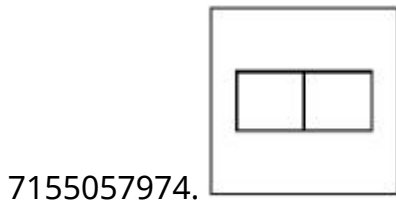
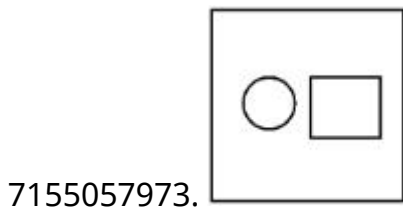
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the figure mentioned below find the missing series:-

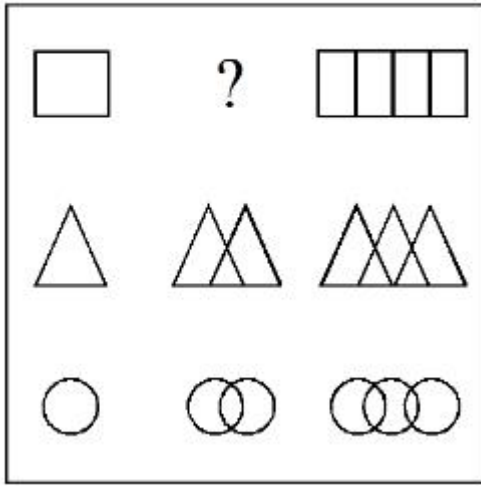


Options :

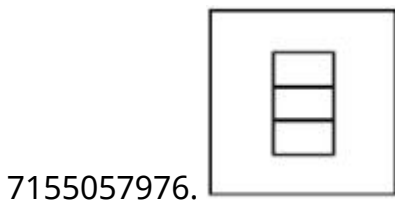
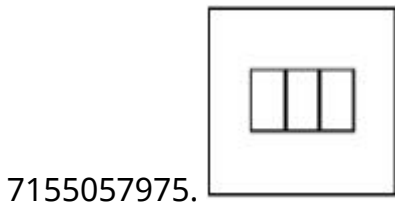
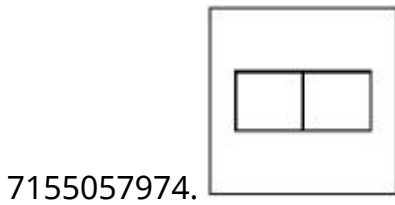
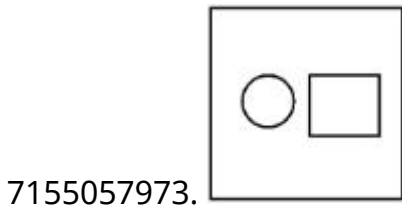


Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

प्रश्न में दिये गये खोये हुये श्रृंखला को, विकल्पों में से चुनें।

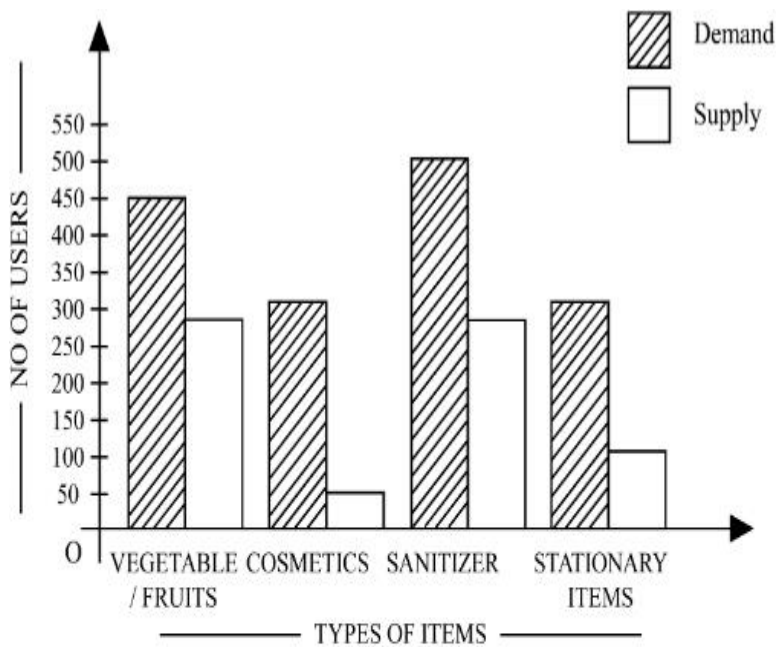


Options :



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

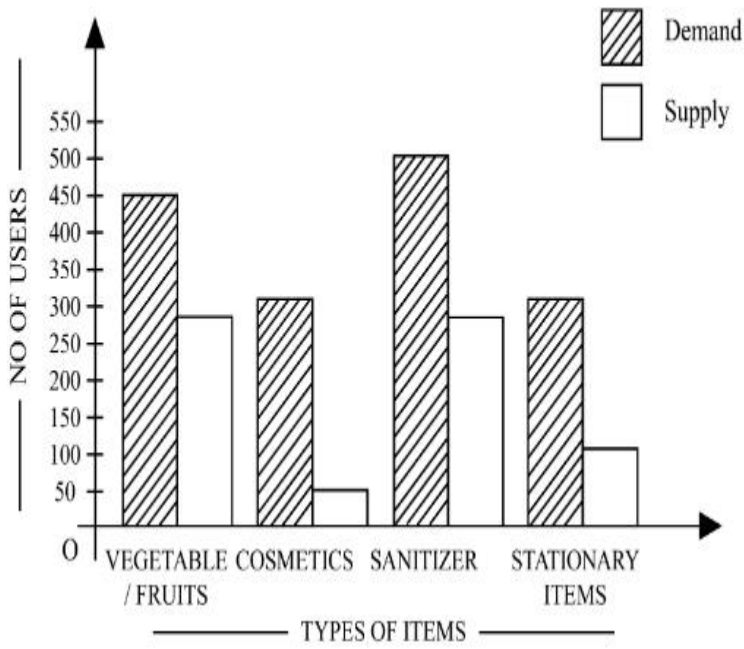
7155057980. B, C and D only

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



दिया गया चित्र अलग-अलग वस्तुओं की अलग अलग उपभोक्ताओं के लिये माँग एवं आपूर्ति दर्शाता है। निम्न में कौन सा सही है?

- A. सेनिटाइजर केवल 50% माँग पूर्ति करता है।
- B. कॉस्मेटिक्स सबसे कम आपूर्ति है।
- C. सब में, दो वस्तुओं की एक ही माँग है परन्तु आपूर्ति अलग अलग है।
- D. सब में दो वस्तुओं की बराबर आपूर्ति है एवं दो की बराबर माँग है।

सही विकल्प चुनें।

Options :

7155057977. B एवं D केवल

7155057978. A एवं B केवल

7155057979. A एवं C केवल

7155057980. B, C एवं D केवल

Planning

Section Id :

715505158

Section Number :

4

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	25
Number of Questions to be attempted :	25
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505158
Question Shuffling Allowed :	Yes
Is Section Default? :	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

जब कोई व्यक्ति एक ही समय एवं स्थान में दूसरो की तुलना में जीवन स्तर के न्यूनतम स्तर को पूरा नहीं कर पाता है। उसे कहते है:

Options :

7155057981. गरीबी

7155057982. प्रचुरता

7155057983. प्रयत्तिता

7155057984. विलासिता

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

ग्रीस में ऐक्रोपोलीस क्या है?

Options :

7155057985. न्यायालय

7155057986. ऊँचाई पर बना किला

7155057987. खुली रंगशाला

7155057988. ग्रेट बाथ

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

भूमि उपयोग नकशे में, मनोरंजक भूमि के लिये उपयोग किया जाने वाला रंग पहचानिए-

Options :

7155057989. पीला

7155057990. हरा

7155057991. बैंगनी

7155057992. नीला

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

वाक्य I : शहर दिल्ली का नक्शा रेडियल है।

वाक्य II : शहर दिल्ली का नक्शा ग्रिड आयरन है।

ऊपर दिये गये वाक्यों के अनुसार, नीचे दिये गये विकल्पों में से सही विकल्प चुनिए:

Options :

7155057993. दोनों वाक्य, I और II सत्य हैं।

7155057994. दोनों वाक्य I और वाक्य II असत्य हैं।

7155057995. वाक्य I सत्य है लेकिन वाक्य II असत्य है।

7155057996. वाक्य I असत्य है लेकिन वाक्य II सत्य है।

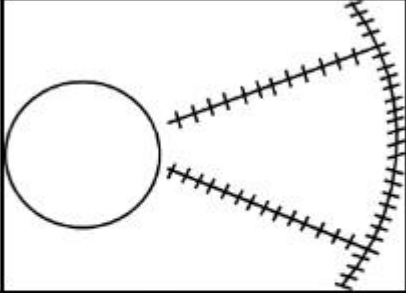
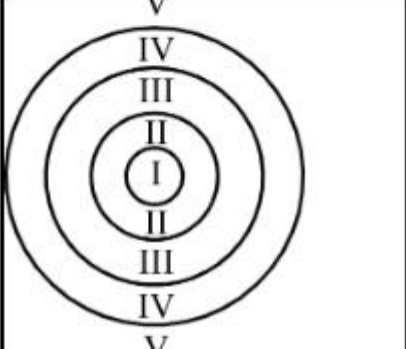
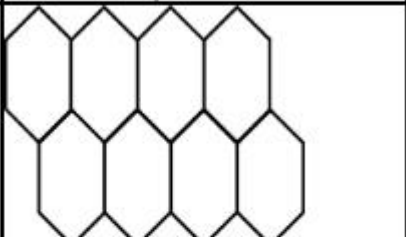
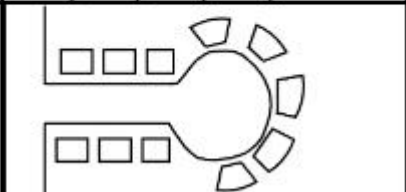
Question Number : 85 Question Id : 7155052548 Question Type : MCQ Option Shuffling : Yes Is

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

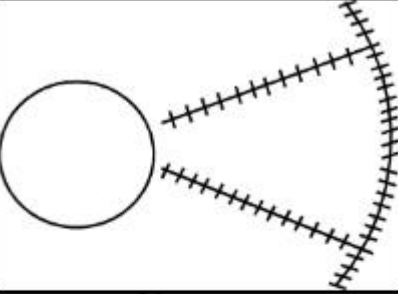
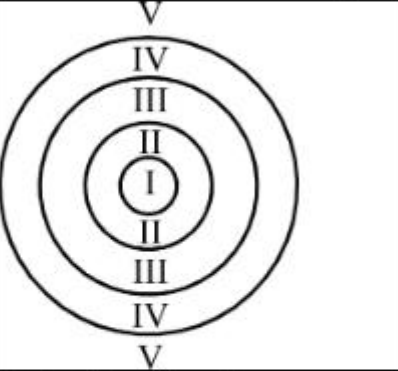
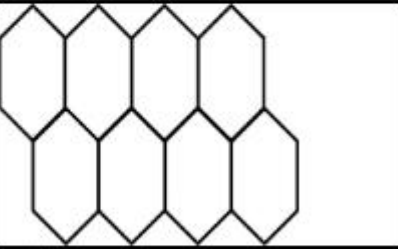
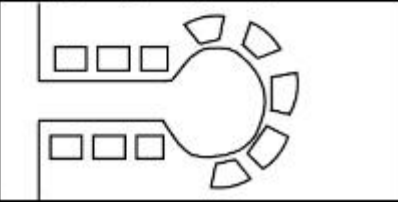
Question Number : 85 Question Id : 7155052548 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I एवं सूची II मिलायें-

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

नीचे दिये गये विकल्पों में सही विकल्प चुनें:

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 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

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

सूची I को सूची II से मिलायें -

सूची I		सूची II	
A.	टावर इन द पार्क	I.	सर एबेनजर हॉवर्ड
B.	नेबरहुड यूनिट	II.	ली-कॉर्बुज़ियर
C.	गार्डन सिटी	III.	क्लीरेन्स पेरी
D.	सेक्टर मॉडल	IV.	होमर

नीचे दिये गये विकल्पों में से सही विकल्प चुनें:

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

सूची I को सूची II से मिलाइये

सूची I		सूची II	
A.	प्रथम पंच वर्षीय योजना	I.	1969-1974
B.	चौथा पंच वर्षीय योजना	II.	1951-1956
C.	आठवा पंच वर्षीय योजना	III.	1992-1997
D.	ग्यारहवां पंच वर्षीय	IV.	2007-2012

नीचे दिये गये विकल्पों में से सही विकल्प चुनें:

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

सूची I को सूची II से मिलाइये

सूची I		सूची II	
A.	मधुरई	I.	नियोजित पहाड़ी शहर
B.	ओरोविल	II.	कदम्बा वनम
C.	लवासा	III.	ग्रिड आयरन
D.	चण्डीगढ़	IV.	मैत्री मन्दिर

नीचे दिये विकल्पों में सही विकल्प चुनें:

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

नीचे दिये गये अनुच्छेदों में से कौन पंचायती राज से संबन्धित है-

Options :

7155058013. अनुच्छेद 243

7155058014. अनुच्छेद 324

7155058015. अनुच्छेद 124

7155058016. अनुच्छेद 73

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

1 हेक्टेयर में कितने एकड़ होते हैं?

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 का पूर्ण रूप क्या है?

Options :

7155058021. नेशनल इंस्टिट्यूट फॉर ट्रांसफॉर्मिंग इंडिया

7155058022. नेशनल इनडस्ट्री फॉर टेक्नोलॉजी इंडिया

7155058023. नेशनल इनडस्ट्री फॉर ट्रांसफॉर्मिंग इंडिया

7155058024. नेशनल इन्डस्ट्रियल टेक्निकल इंस्टिट्यूट

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

द टर्म "Conurbation" किसके द्वारा गया था?

Options :

7155058025. केविन लिंग

7155058026. पैट्रिक गेड्स

7155058027. ऐबेनज़र हॉवर्ड

7155058028. लुईस ममफॉर्ड

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

दुर्गापुर शहर का नियोजक कौन है?

Options :

7155058029. ली- कॉर्बीज़ियर

7155058030. रोबेनज़र हॉवर्ड

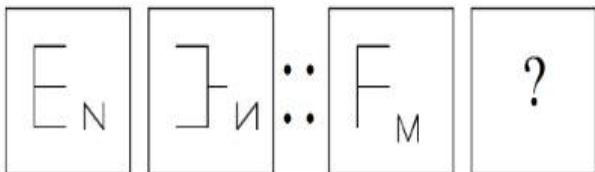
7155058031. जोसेफ एलिन स्टीन

7155058032. चार्ल्स कोरिया

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

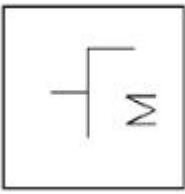
Correct Marks : 4 Wrong Marks : 1

In problem figures, A and B have certain relation. Identify which one of the answer figures will have similar relation between C and D?

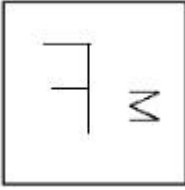


Options :

7155058033.



7155058034.



7155058035.



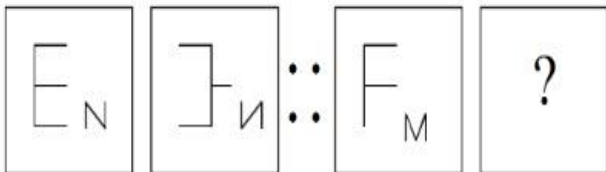
7155058036.



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

समस्या चित्र में, A और B के बीच में एक सम्बन्ध है। दिये गये उत्तर विकल्पों में स एवं D के बीच समान सम्बन्ध चुनिये-

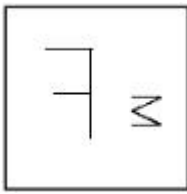


Options :

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

द हाउजिंग डवलपमेंट फाइनेंट कॉरपोरेशन लिमिटेड (एच डी एफ सी) किस वर्ष में स्थापित हुआ?

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

संघीय सरकार (फ़ेडरल गवर्नमेंट) की विशेषता है-

Options :

7155058041. सत्ता को केन्द्रीकरण

7155058042. विभिन्न स्तरों के बीच शक्ति विभाजन

7155058043. विरोध

7155058044. अलिखित संविधान

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

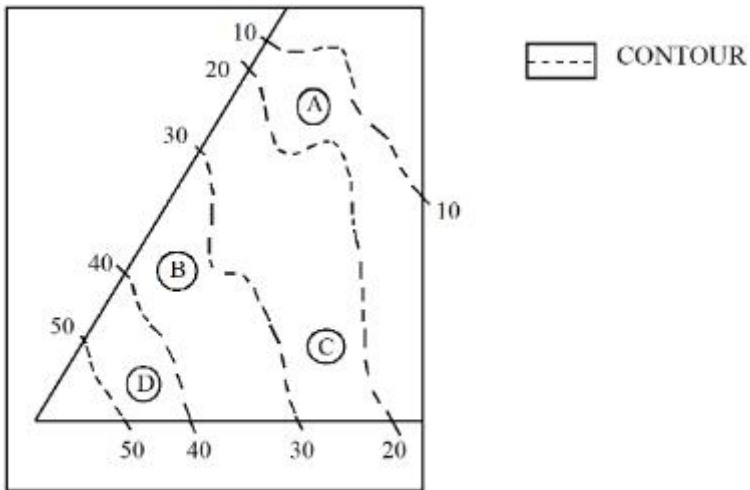
Correct Marks : 4 Wrong Marks : 1

नीचे दिये गये विकल्पों में कौन सार्वजनिक क्षेत्र बैंक (पब्लिक सेक्टर बैंक) नहीं है?

Options :

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



दिये गये चित्र में, D का स्थान क्या है?

Options :

7155058049. 30-40

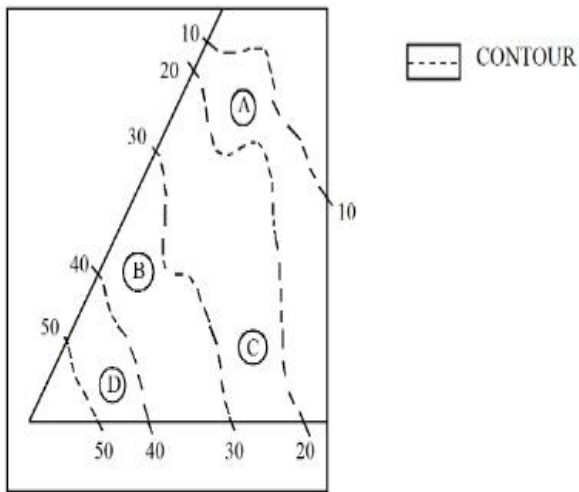
7155058050. 40-50

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

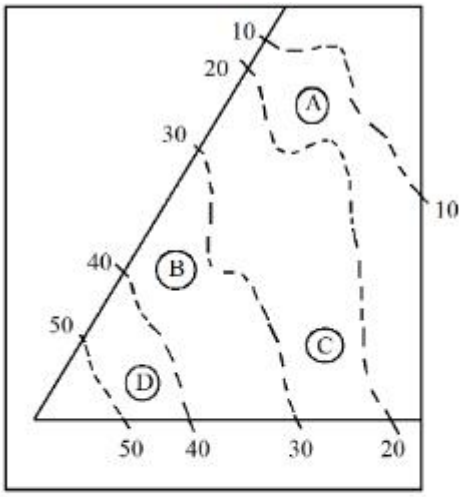
7155058056. Statement **I** is false but Statement **II** is true

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



----- CONTOUR

वाक्य I: दिये गये चित्र में, B का स्थान C से ऊँचा है।

वाक्य II: दिये गये चित्र में, A का स्थान C से नीचा है।

ऊपर दिये गये वाक्यों के अनुसार, दिये गये विकल्पों में सही विकल्प चुनिये।

Options :

7155058053. दोनों वाक्य I एवं वाक्य II सत्य है।

7155058054. दोनों वाक्य I एवं वाक्य II असत्य हैं।

7155058055. वाक्य I सत्य है परन्तु वाक्य II असत्य है।

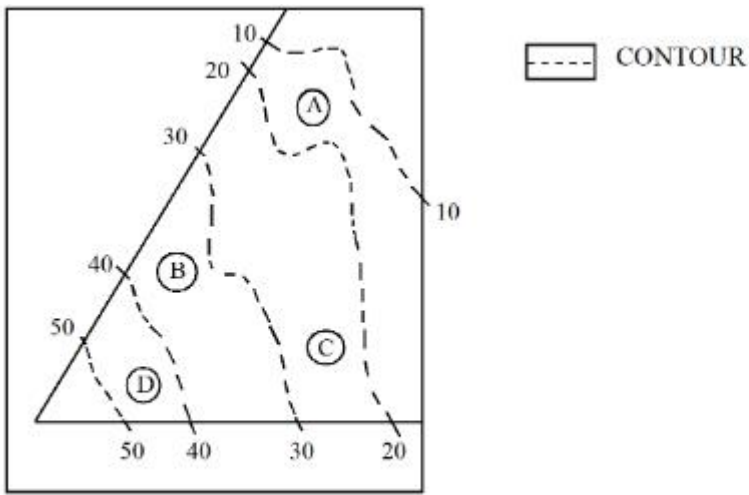
7155058056. वाक्य I असत्य है परन्तु वाक्य II सत्य है।

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

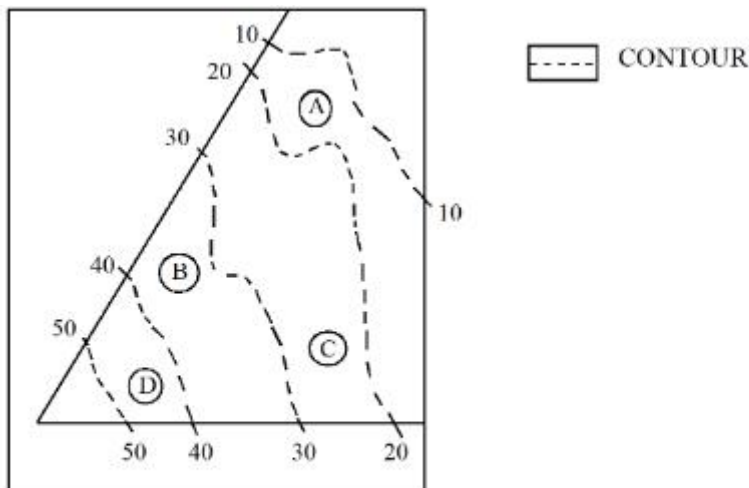
7155058060. 40-50

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



दिये गये चित्र में, A का स्थान कौन से समोघ (कोंटूर) पर है?

Options :

7155058057. 20-30

7155058058. 30-40

7155058059. 10-20

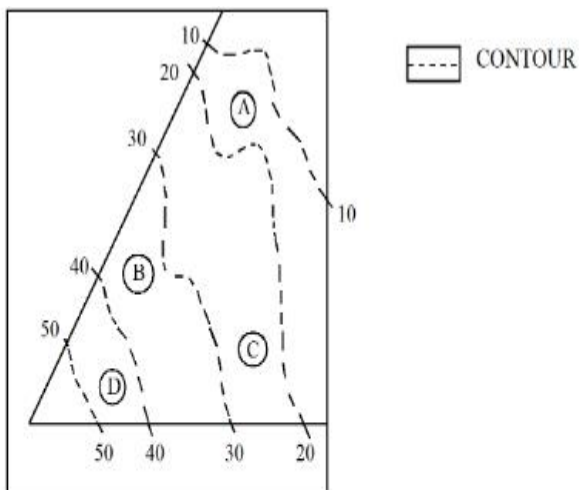
7155058060. 40-50

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

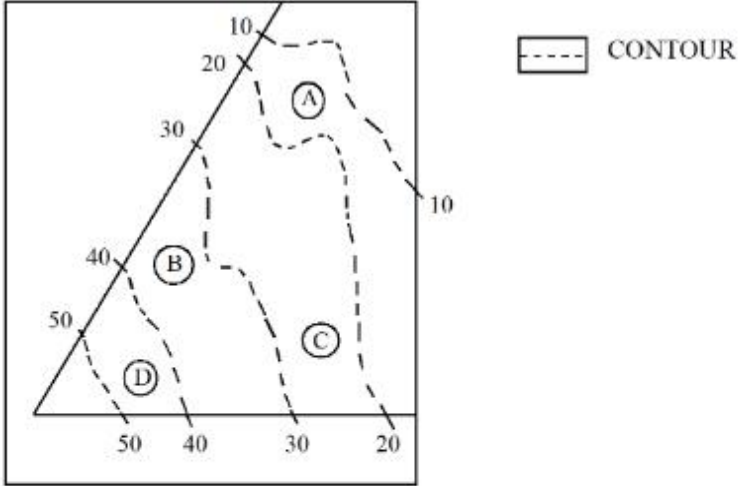
7155058064. Statement **I** is false but Statement **II** is true

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



कथन **I**: 'A' साइट के सबसे निचले बिंदु पर है।

कथन **II**: 'A' साइट पर 'B' से भी नीचे स्थित है।

ऊपर दिये गये कथन के अनुसार, नीचे दिये गये विकल्पों में सही विकल्प चुनिए।

Options :

7155058061. दोनों कथन **I** एवं कथन **II** सत्य है।

7155058062. दोनों कथन **I** एवं कथन **II** असत्य है।

7155058063. कथन **I** सत्य है। परन्तु कथन **II** असत्य है।

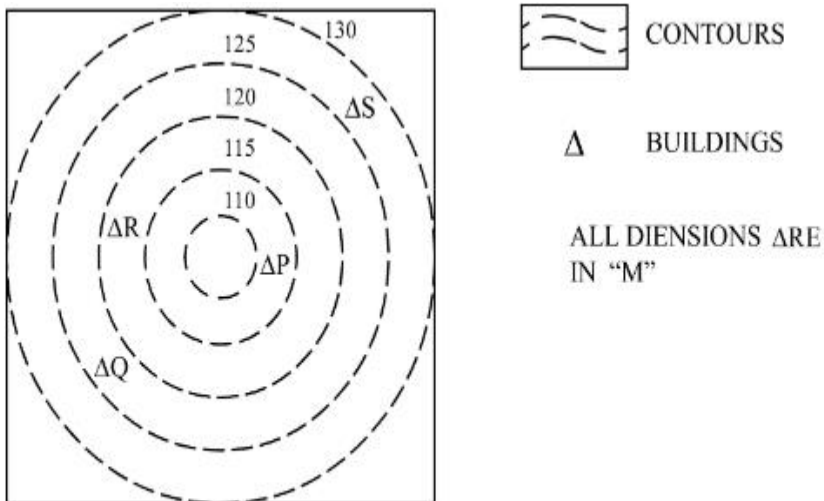
7155058064. कथन **I** असत्य है परन्तु कथन **II** सत्य है।

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



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

Options :

7155058065. 2

7155058066. 3

7155058067. 1

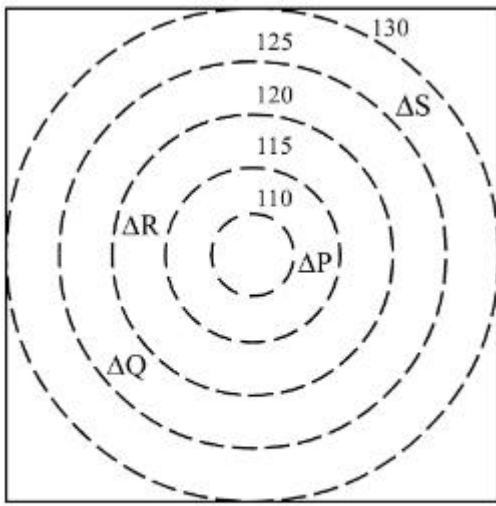
7155058068. 4

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"

दिये गये चित्र में, "P" और "S" के बीच में कितने समोघ स्तर है?

Options :

7155058065. 2

7155058066. 3

7155058067. 1

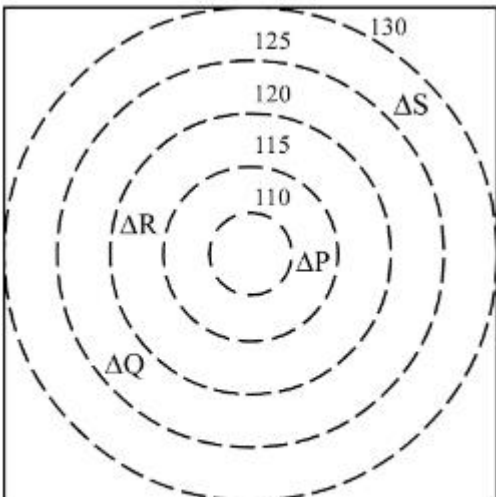
7155058068. 4

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

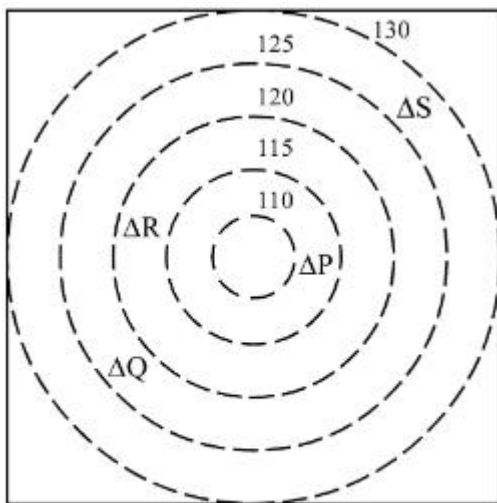
7155058072. 15


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"

दिये गये चित्र में, "S" _____ मीटर, R से ऊँचा है?

Options :

7155058069. 5

7155058070. 10

7155058071. 25

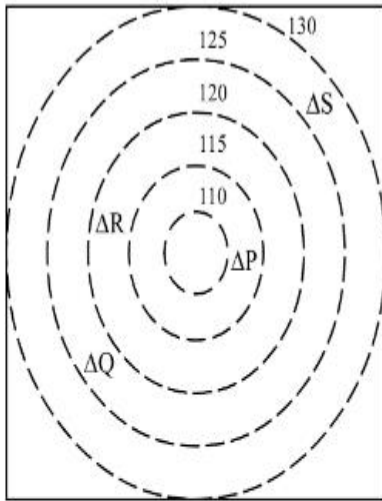
7155058072. 15

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

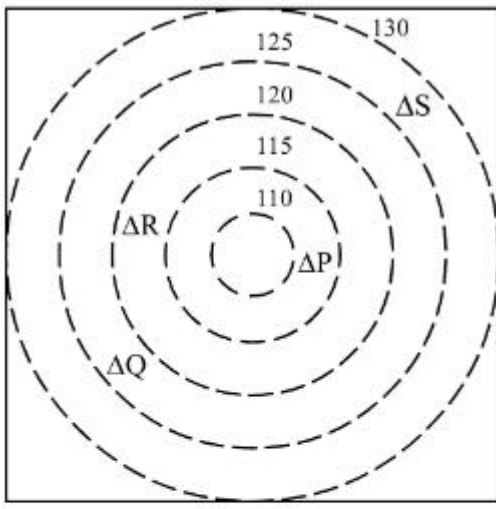
7155058076. Statement **I** is false but Statement **II** is true

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"

दिये गये चित्र के आधार पर:

कथन I : बिंदु "R", "P" व "Q" से ऊँचा है।

कथन II : बिंदु "S", "P", "Q" व "R" से ऊँचा है।

ऊपर दिये गये कथनों के आधार पर सही विकल्प चुनें।

Options :

7155058073. दोनों कथन I एवं कथन II सत्य है।

7155058074. दोनों कथन I एवं कथन II असत्य है।

7155058075. कथन I सत्य है एवं कथन II असत्य है।

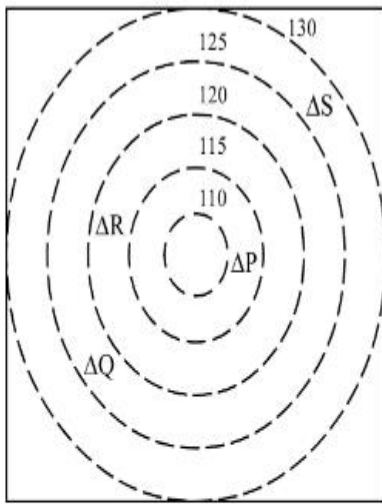
7155058076. कथन I असत्य है एवं कथन II सत्य है।

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

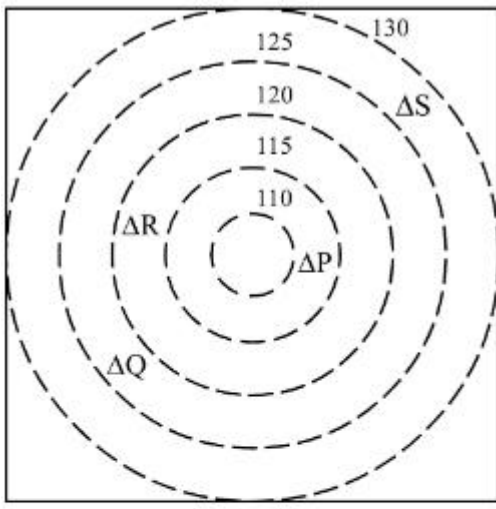
7155058080. Statement **I** is false but Statement **II** is true

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"

दिये गये चित्र के आधार पर:

कथन I : "P", 110 M की ऊँचाई पर स्थित है।

कथन II : "Q", "S" से 5 M की नीचाई पर स्थित है।

ऊपर दिये गये कथनों के आधार पर सही विकल्प चुने-

Options :

7155058077. दोनों कथन I एवं कथन II सत्य है।

7155058078. दोनों कथन I एवं कथन II असत्य है।

7155058079. कथन I असत्य है एवं कथन II सत्य है।

7155058080. कथन I असत्य है एवं कथन II सत्य है।