

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

R^2 তে সংজ্ঞায়িত R_1 ও R_2 সম্বন্ধ দুটি নিম্নরূপে সংজ্ঞায়িত

(a, b) R_1 (c, d) যদি $ad - bc \geq 0$! হয়

(a, b) R_2 (c, d) যদি $a + d \geq b + c$! হয়। তবে :

Options :

7155057691. R_1 একটি সংক্রমণ কিন্তু R_2 নয়

7155057692. R_2 একটি সংক্রমণ কিন্তু R_1 নয়

7155057693. R_1 ও R_2 উভয়েই সংক্রমণ

7155057694. R_1 ও R_2 এর কেউই সংক্রমণ নয়

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

ধরি α এবং β , $x^2 - 3x + 9 = 0$ এর সমাধান। তাহলে $\left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}}\right)^2$ সমান :

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

ধর $z = 2 + 5i$ । তাহলে $2z^3 + 21z^2 - 58z + 4$ এর পরমমান হল :

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

যদি নীচের সহসমীকরণগুলির

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

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

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

অসংখ্য সমাধান থাকে তবে K^2 এর মান হল

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

ধর $\alpha, \beta \in \mathbb{R}$ । যদি $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$, $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$, $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ ম্যাট্রিক্সগুলি $(A*B)*2I = 20I$ কে সিদ্ধ করে,

যেখানে $*$ হল $A * B = A^2 + B^2$, তবে $|\alpha\beta|$ এর মান সমান :

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

$\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$ শ্রেণিটির প্রথম এগারোটি পদের যোগফল হল :

Options :

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

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

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

Question Number : 7 Question Id : 7155052470 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

Options :

7155057715. e

7155057716. e^3

7155057717. e^6

7155057718. e^9

Question Number : 7 Question Id : 7155052470 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

Options :

7155057715. e

7155057716. e^3

7155057717. e^6

7155057718. e⁹

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

ধরি $P(\alpha, \beta, \lambda)$, $Q(1,2,0)$ বিন্দুর প্রতিবিম্ব $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$ রেখার উপর, তবে $(PQ)^2$ এর মান

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

একটি বাক্সে 7 টি লাল এবং 9 টি সাদা বল আছে, বাক্সটি থেকে কতরকম ভাবে 8 টি বল নেওয়া যাবে যাতে প্রতিটি রঙের কমপক্ষে তিনটি করে বল থাকে :

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

ধরি $[t]$ হল গরিষ্ঠ পূর্ণসংখ্যার অপেক্ষক। যদি $\int_0^1 [1+x^2+x^4] dx = a$, ত্রী ঙ্গ, হয় তবে

$36a - 25a^2 + 8a^3 - a^4$ এর মান

Options :

7155057727. 19

7155057728. -19

7155057729. 18

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

ধরি $PL = 8$ একক এবং $QM = 2$ একক দুটি সমান্তরাল রেখাংশ যাতে PM এবং QL রেখাংশ দুটি R বিন্দুতে ছেদ করে। যদি PL ও QM P, Q, R বিন্দুগামী বৃত্তের স্পর্শক হয় তবে বৃত্তটির ব্যাসার্ধ হল;

Options :

7155057731. $\sqrt{2}$

7155057732. 2

7155057733. $2\sqrt{2}$

Question Number : 12 Question Id : 7155052475 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

Options :

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

ধর $\alpha \in \mathbb{N}$ । মনে কর PQR এমন একটি ত্রিভুজ যাহার P ও Q শীর্ষবিন্দুগুলি হল (2, 5) এবং (α , -11)। যদি R বিন্দুটি $l_1: 9x + 7y + \alpha = 0$ রেখার উপর ভ্রাম্যমান হয়, তবে PQR ত্রিভুজের ভরকেন্দ্রটি l_2 রেখার উপর থাকে। দেওয়া আছে যে l_2 রেখাটি l_1 এর সমান্তরাল এবং $\frac{20}{3\sqrt{130}}$ দূরত্বে থাকে। যদি l_2 হতে Q এর দূরত্ব $\frac{k}{3\sqrt{130}}$ হয় তবে k এর মান হবে :

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

ধরি $A_i(x_i, y_i)$, $i = 1, 2, 3$ হল $x^2 + y^2 = 10$ বৃত্তের উপর এমন তিনটি বিন্দু যাদের মধ্যে A_1 প্রথমপাদে থাকে এবং A_2 বিন্দুর y -অক্ষের স্বাপেক্ষে প্রতিবিন্দু A_1 হয়। যদি A_2 এবং A_3 উভয় হতে A_1 এর দূরত্ব 2 হয়, তবে $\Delta A_1 A_2 A_3$ এর ক্ষেত্রফলের কুড়ি গুণ হল

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

7^{89} কে, 15 দ্বারা ভাগ করলে ভাগফল হল

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

ধর $y = \alpha x - \beta z + \gamma$ তলটি $(1, -1, 3)$ বিন্দুগামী এবং $2x + y + z = 1$ ও $3x - 2y + 2z = 0$ উভয়েরই লম্ব, তাহলে $\alpha + \beta + \gamma$ সমান :

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

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

Options :

7155057751. 3

7155057752. 4

7155057753. 5

7155057754. 6

Question Number : 16 Question Id : 7155052479 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ধর $\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$, $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ ধর \vec{r} এরূপ একটি ভেক্টর যার জন্য $\vec{r} \times \vec{a} = (\vec{b} + \vec{c}) \times \vec{a}$

এবং $\vec{r} \cdot (\vec{b} - \vec{c}) = 0$ হয়, তাহলে $\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k})$ এর মান হল:

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

$1 + x + x^2 + \dots + x^{118}$ সমীকরণটির বীজগুলির মধ্য হতে যদুচ্ছভাবে পছন্দ করা একটি বীজ $x^7 = 1$ কে সিদ্ধ করার সম্ভাবনা হল :

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

ধর X সম্ভাবনাশ্রয়ী চলকটি একটি দ্বিপদ নিবেশন মেনে চলে যার প্যারামিটারগুলি হল n এবং p । যদি ঐ দ্বিপদ নিবেশনটির গড়মান 3 এবং ভেদমান 2 হয় তবে $P(X < \frac{n}{4})$ সমান ঃ

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

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

অপেক্ষকটির সংজ্ঞার অঞ্চল হল :

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

নিম্নের কোন বিবৃতিটি একটি টোটলজি ?

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

Yes

Clear Response :

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

$y = x^2 + 1$ বক্রটি, $y + |x| = 3$ এবং $y = |x-1|$ বক্রদ্বারা সীমাবদ্ধ ক্ষেত্রকে $m : n$ অনুপাতে ভাগ করে, যেখানে m ও n পরস্পর মৌলিক। তবে $m+n$ এর মান হল _____ ।

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

12 জন ছাত্রের মধ্যে 30 টি একই ধরনের পেন বিতরণ করা হচ্ছে। যদি প্রতিটি ছাত্রই অন্তত একটি পেন পায় এবং কেবলমাত্র দুটি ছাত্র অন্তত দুটি পেন পায় তবে কতরকমভাবে ঐ পেনগুলি বিতরণ করা সম্ভব ?

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

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

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

ধর S_n হল $7 + 10 + 16 + 25 + 37 + \dots$, শ্রেণীটির প্রথম n পদের যোগফল। তাহলে $S_{30} - S_{20}$ এর মান হবে _____।

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

ধর $[t]$ হল গরিষ্ঠ পূর্ণসংখ্যার অপেক্ষক। তাহলে $(-10, 10)$ অন্তরালে নিচের অপেক্ষকটি

$f(x) = [x+x^3] + |x-x^3| + \left|x + \frac{1}{2}\right|$ কতগুলি বিন্দুতে অবকলনযোগ্য হবে না ?

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

$\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + c$ যেখানে c একটি ধ্রুবক, তবে $f(0)$ এর মান হল

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

ধর $\sqrt{3}$ উৎকেন্দ্রতা বিশিষ্ট একটি পরাবৃত্তের নাভিবিন্দুগুলি হল $(1, 5)$ এবং $(1, -1)$ । ঐ পরাবৃত্তটির সমীকরণ $x^2 - 2y^2 + ax + by + c = 0$ । তবে $|a + b + c|$ সমান _____।

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 a such that the distance between the point $(2, 4, 3)$ and the plane $3x + y + az + 10 = 0$ 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

ধর α_1, α_2, a এর ভিন্ন ভিন্ন এমন দুইটি মান যাদের জন্য $(2, 4, 3)$ এবং $3x + y + az + 10 = 0$ এর দূরত্ব হয় $\sqrt{35}$ একক। তাহলে $(\alpha_1, \alpha_2, 0)$, $(\alpha_2, \alpha_1, 0)$ এবং $(\frac{164}{13}, 5, 0)$ শীর্ষবিন্দু বিশিষ্ট ত্রিভুজটির ক্ষেত্রফল (বর্গ এককে) হবে _____।

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

ধর O হল মূলবিন্দু এবং $\overrightarrow{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\overrightarrow{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ এবং $\overrightarrow{OC} = \hat{u}$ হল একটি প্যারালেলোপিপেডের তিনটি বাহু যেখানে \hat{u} হল xy তলে একটি ভেক্টর। যদি ঐ প্যারালেলোপিপেডের সর্বোচ্চ আয়তন $2\sqrt{\alpha}$ হয়, তবে α এর মান _____।

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

যদি $\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ অবকল সমীকরণের সমাধান বক্র $(\sqrt{2}, \sqrt{2})$ এবং $(2, \alpha)$

বিন্দুগামী হয়, তবে $2\alpha - \log_e \left(\frac{\alpha^2 + 4\alpha + 2}{6} \right)$ এর মান হল _____।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Aptitude Test

Section Id :	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

Adobe হল

Options :

7155057781. cement এর প্রকারভেদ

7155057782. floor finish এর প্রকারভেদ

7155057783. paint এর প্রকারভেদ

7155057784. Brick এর প্রকারভেদ

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

বিবৃতি I : স্বাধীন ভারতের প্রথম পরিকল্পিত শহর Chandigarh

বিবৃতি II : Chandigarh শহরের ছক করেছিলেন swiss french স্থপতি Le Corbusier

বিবৃতিগুলির আলোকে সবথেকে প্রযোজ্য উত্তর নীচের বিকল্প থেকে নির্বাচিত কর

Options :

7155057785. বিবৃতি I এবং বিবৃতি II উভয়ই সত্য

7155057786. বিবৃতি I এবং বিবৃতি II উভয়ই অসত্য

7155057787. বিবৃতি I সত্য কিন্তু বিবৃতি II অসত্য

7155057788. বিবৃতি I অসত্য কিন্তু বিবৃতি II সত্য

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

বিবৃতি I : কাঁচ তাপের স্বল্প পরিবাহী

বিবৃতি II : কাঁচ আলো শোষণ, প্রতিসরণ করতে পারে ও আলো তাপের মধ্য দিয়ে যেতে পারে

বিবৃতিগুলির ভিত্তিতে সঠিক বিকল্পটি বাছুন

Options :

7155057789. বিবৃতি I এবং বিবৃতি II উভয়ই সত্য

7155057790. বিবৃতি I এবং বিবৃতি II উভয়ই অসত্য

7155057791. বিবৃতি I সত্য কিন্তু বিবৃতি II অসত্য

7155057792. বিবৃতি I অসত্য কিন্তু বিবৃতি II সত্য

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

তালিকা I এবং তালিকা II মেলাও

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 YOJAN

নীচের বিকল্পগুলি থেকে সঠিক উত্তর বাছ :

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

তালিকা I ও II মেলাও

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

নীচের বিকল্পগুলি থেকে সঠিক উত্তর বাছ :

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

কোনটি পরিপূরক রঙ নয়

Options :

7155057801. নীল -কমলা

7155057802. লাল -সবুজ

7155057803. নীল- সবুজ

7155057804. বেগুনী -হলুদ

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

ভারতের কোন রাজ্যে Robbers গুহা অবস্থিত :

Options :

7155057805. হিমাচল প্রদেশ

7155057806. উত্তরাখন্ড

7155057807. উত্তর প্রদেশ

7155057808. মধ্য প্রদেশ

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

Petronas Tower কোথায় অবস্থিত:

Options :

7155057809. প্যারিস

7155057810. দুবাই

7155057811. কুয়ালা লামপুর

7155057812. নিউ ইয়র্ক

**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

কোনারক মন্দির কোন রাজ্যে অবস্থিত

Options :

7155057813. मध्य प्रदेश

7155057814. ओडिशा

7155057815. कर्णटक

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

Lotus Temple এর স্থপति কে ?

Options :

7155057817. लुईस ई कान

7155057818. মোহসে সাফদি

7155057819. ফারিবরজ সাহবা

7155057820. রিচার্ড মেয়ার

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

স্বল্প ভার বহনের জন্য ভার তোলা কি নামে পরিচিত

Options :

7155057821. ডেড বিয়ারার

7155057822. ডাম্ব ওয়েটার

7155057823. জকি বয়

7155057824. পুশ আপার

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. Bhubaneshwar-Puri

7155057826. Puri-Cuttack

7155057827. Bhubaneshwar-Cuttack

7155057828. Bhubaneshwar-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

ওড়িশার জোড়া শহর বলে কাদের উল্লেখ হয়

Options :

7155057825. ভুবনেশ্বর -পুরি

7155057826. পুরি- কটক

7155057827. ভুবনেশ্বর -কটক

7155057828. ভুবনেশ্বর -রাউরকেলা

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

কোনটা মানব সভ্যতার সঠিক কালানুসার

Options :

7155057829. মেসোপটেমিয়া-হরপ্পা-ইজিপশিয়ান-চাইনিশ

7155057830. মেসোপটেমিয়া-ইজিপশিয়ান-হরপ্পা-চাইনিশ

7155057831. মেসোপটেমিয়া-চাইনিশ-হরপ্পা-ইজিপশিয়ান

7155057832. ইজিপশিয়ান-মেসোপটেমিয়া-হরপ্পা-সুমেরিয়ান

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

Delhi তে Qutub-Minar বানিয়েছিলেন:

Options :

7155057833. শাহ জাহান

7155057834. জাহাঙ্গির

7155057835. আকবর

7155057836. কুতুব উদ-দিন আইবক

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

দক্ষিণ গোলার্ধের কোন অভিমুখে নরম (diffused) আলো সারা বছর দেখা যায়?

Options :

7155057837. উত্তর

7155057838. দক্ষিণ

7155057839. পূর্ব

7155057840. পশ্চিম

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

Jaipur এ বিখ্যাত "Jawaharlal Kala Complex" এর স্থপতি কে ?

Options :

7155057841. Raj Rewal

7155057842. Charles Correa

7155057843. Achyut Kanvinde

7155057844. Hafeez Contractor

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

Dhajji-Dewari স্থপত্যশৈলী প্রধানত জনপ্রিয় হল _____।

Options :

7155057845. উপকূল অঞ্চল

7155057846. সমতল ভূমি

7155057847. পার্বত্য অঞ্চল

7155057848. মরুভূমি অঞ্চল

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

পাহাড়ি অঞ্চলের ছাদে কোন পাথর ব্যবহার হয়

Options :

7155057849. Marble

7155057850. Granite

7155057851. Shale

7155057852. Sand Stone

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

Chandigarh কোন ধরনের শহর পরিকল্পনার উদাহরণ

Options :

7155057853. রেডিও সেন্ট্রিক

7155057854. গ্রিড-আয়রন

7155057855. লিনিয়ার

7155057856. অর্গ্যানিক

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

Goa এর সমুদ্রতটে নির্মাণ করতে হলে কোন ঘর থেকে ভালো সমুদ্র দর্শন হবে ?

Options :

7155057857. যেগুলি উত্তরমুখী

7155057858. যেগুলি দক্ষিণমুখী

7155057859. যেগুলি পূর্বমুখী

7155057860. যেগুলি পশ্চিমমুখী

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

"NIFT" National Institute of Fashion Technology, Delhi কে পরিকল্পনা করেছিলেন

Options :

7155057861. B.V Doshi

7155057862. C.P Kukreja





7155057863. Raj Rewal

7155057864. Bimal Patel

**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

তালিকা I ও তালিকা II মেলাও

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

নীচের বিকল্পগুলি থেকে সঠিক উত্তর বাছ:

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

তালিকা I ও তালিকা II মেলাও

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

নীচের বিকল্পগুলি থেকে সঠিক উত্তর বাছ :

Options :

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

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

বিবৃতি I : লাল, নীল ও হলুদ রঙ চক্রের প্রাথমিক রঙ

বিবৃতি II : যে সব রঙ একে অপরের বিপরীতে অবস্থিত হল একটি রঙ চক্র যা পরিপূরক রঙ হিসেবে পরিচিত

উপরোক্ত বিবৃতিগুলির আলোকে, নীচে দেওয়া বিকল্পগুলি থেকে সঠিক উত্তর বাছ

Options :

7155057873. বিবৃতি I এবং বিবৃতি II উভয়ই সত্য

7155057874. বিবৃতি I এবং বিবৃতি II উভয়ই অসত্য

7155057875. বিবৃতি I সত্য কিন্তু বিবৃতি II অসত্য

7155057876. বিবৃতি I অসত্য কিন্তু বিবৃতি II সত্য

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

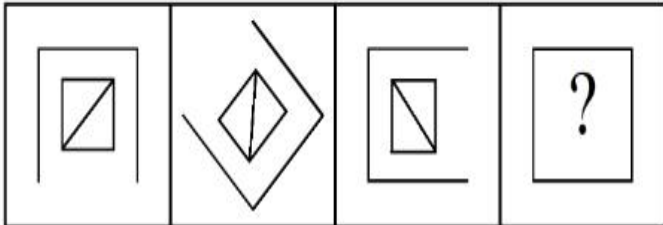
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

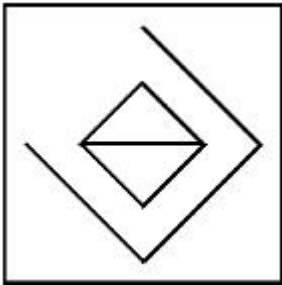
Correct Marks : 4 Wrong Marks : 1

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

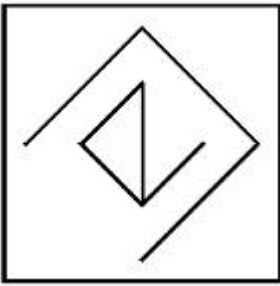


Options :

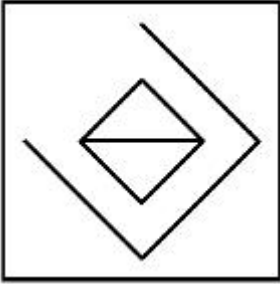


7155057877.

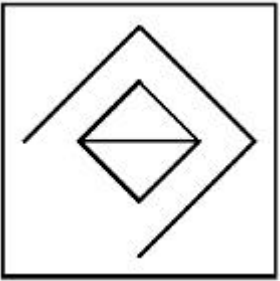
7155057878.



7155057879.



7155057880.

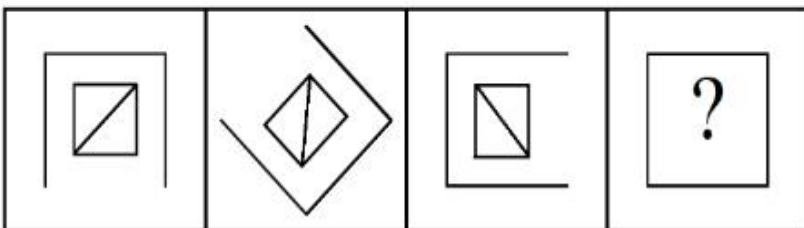


Question Number : 55 Question Id : 7155052518 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

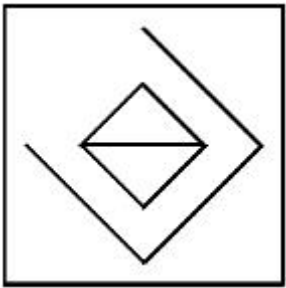
উত্তরের ছবির মধ্যে থেকে সঠিক বিকল্পটি বাছ যাতে প্রশ্নের শ্রেণীটি সম্পূর্ণ হয়

PROBLEM FIGURES

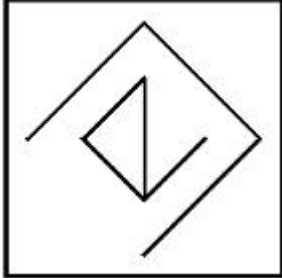


Options :

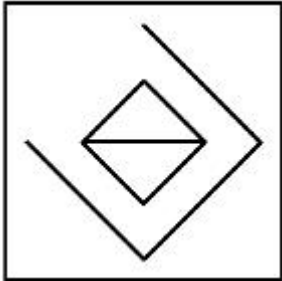
7155057877.



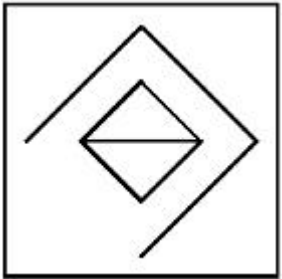
7155057878.



7155057879.



7155057880.



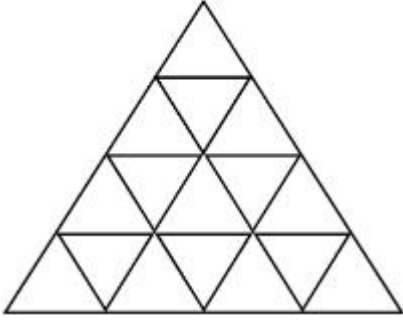
Question Number : 56 Question Id : 7155052519 Question Type : MCQ Option Shuffling : Yes Is

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

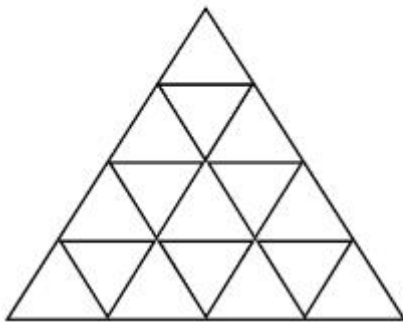
Question Number : 56 Question Id : 7155052519 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ছবিটিতে কতগুলি ত্রিভুজ আছে:-



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

বেঠিকটি বের কর:-

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

15 তলার একটি বসত বাড়ির নীচতলা 4.2 মিটার। অবশিষ্ট সব তলা 3.3 মিটার উঁচু। বাড়িটির উচ্চতা কত?

Options :

7155057889. 45.6 meter

7155057890. 50 meter

7155057891. 50.4 meter

7155057892. 51.6 meter

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

দেওয়া শব্দের দর্পণ প্রতিবিম্বটি বের কর:-

SUCCESS

Options :

7155057893. 22ECC22

7155057894. 22ECC22

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

একটি ম্যাপের স্কেল 1:1000। 'A' থেকে 'B' বিন্দুতে একটি গাড়ি 7 cm গেলে, আসলে গাড়িটি কত গেছে:-

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

80 meter \times 40 meter একটি জমির উপর একটি বাড়ীর ছবি একটি পাতায় 1:100 স্কেলে আঁকা হল। তবে পেপার থেকে জমিতে কোন মান আঁকা হল?

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 : 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

শ্রেণীতে অনুপস্থিত সংখ্যাটি বের কর

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

সাংকেতিক ভাষায় ROMAN হল TQOCP: তবে ITALY হল.....

Options :

7155057909. KVCMA

7155057910. KWCNB

7155057911. KUCLA

7155057912. KVCNA

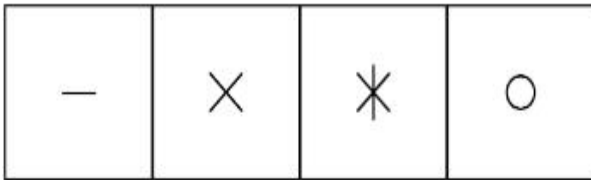
Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is

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

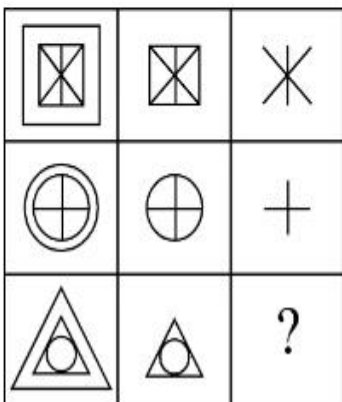
Instruction Time : 0

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

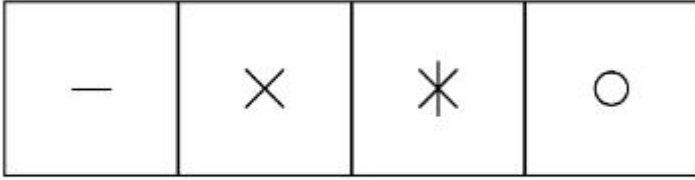
Question Number : 64 Question Id : 7155052527 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

খালি স্থানে ছবির কোন বিকল্পটি আসবে

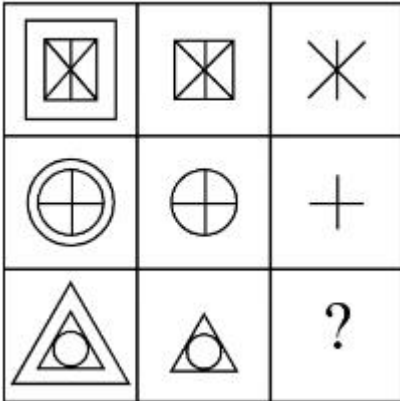


(A)

(B)

(C)

(D)



Options :

7155057913. D

7155057914. C

7155057915. B

7155057916. A

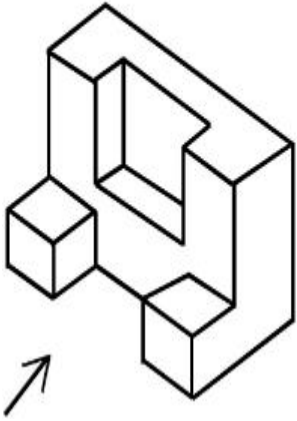
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is

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

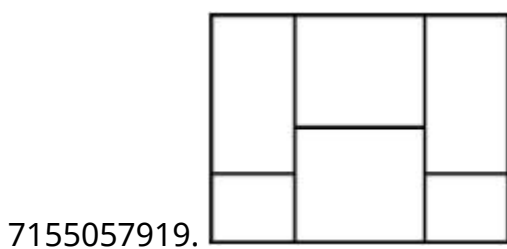
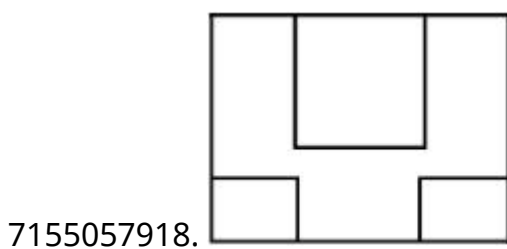
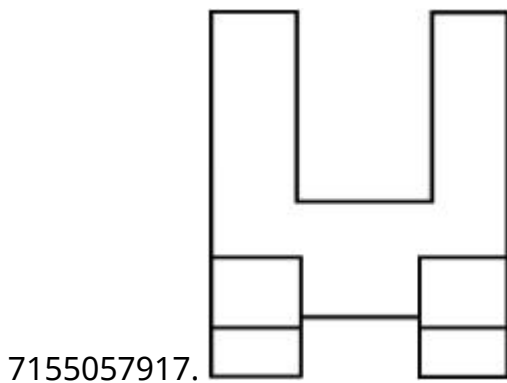
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

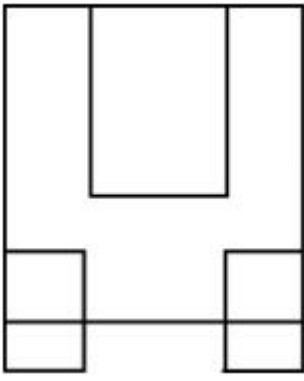
The 3D figure shows the view of an object. Looking in the direction of arrow, identify the most appropriate elevation from the given answer figures.



Options :



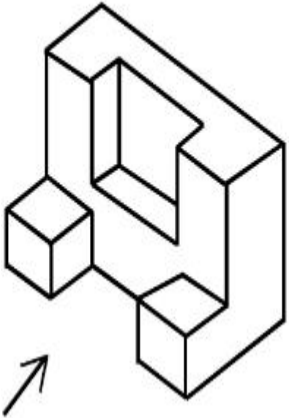
7155057920.



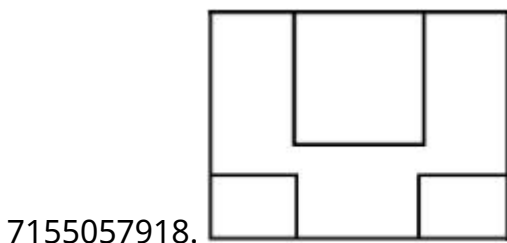
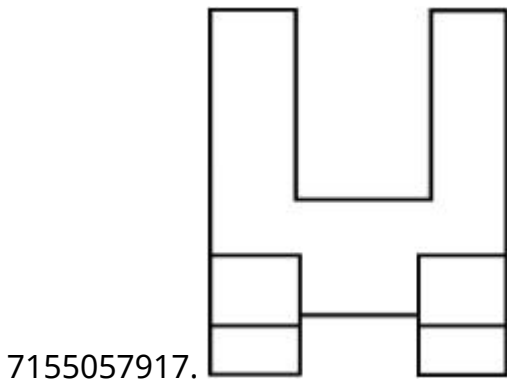
Question Number : 65 Question Id : 7155052528 Question Type : MCQ Option Shuffling : Yes Is
 Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
 Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

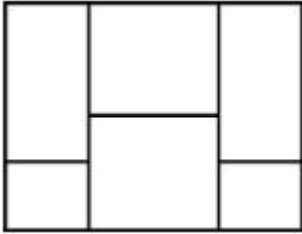
একটি বস্তুর ত্রিমাত্রিক রূপটি দেওয়া আছে। তীরের দিক থেকে কোনটি সবথেকে প্রযোজ্য উচ্চতা



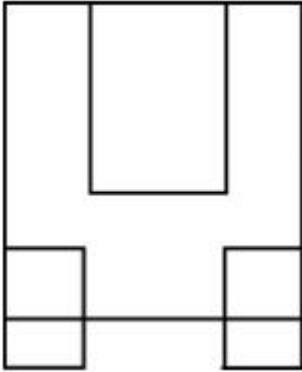
Options :



7155057919.



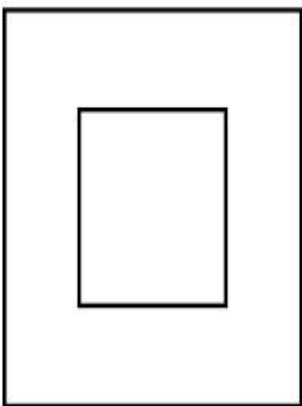
7155057920.



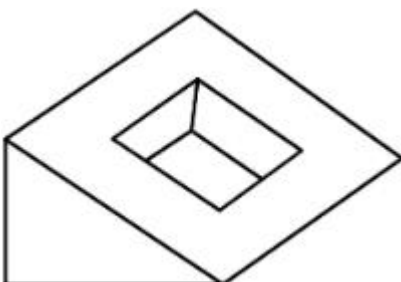
Question Number : 66 Question Id : 7155052529 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

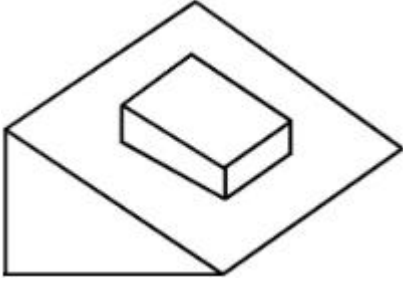


Options :



7155057921.

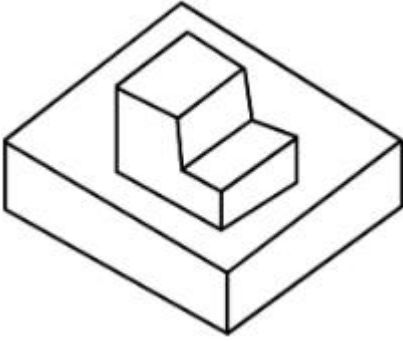
7155057922.



7155057923.



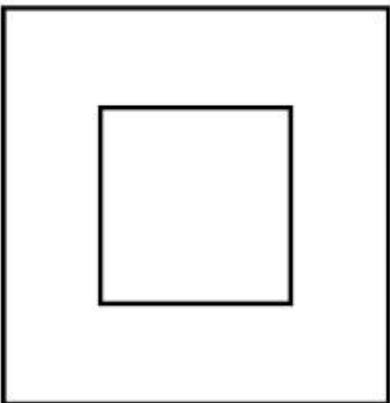
7155057924.



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

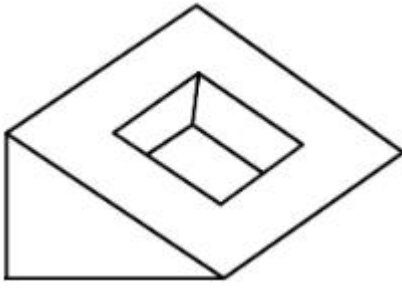
Correct Marks : 4 Wrong Marks : 1

প্রশ্নে একটি বস্তুর উপরি রূপটি দেওয়া আছে। বৈঠিক 3D রূপটি বের কর।

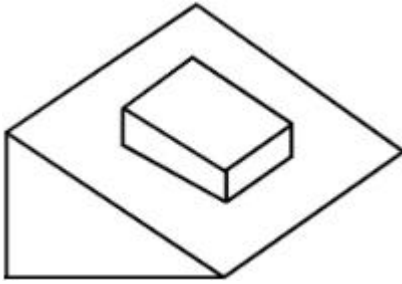


Options :

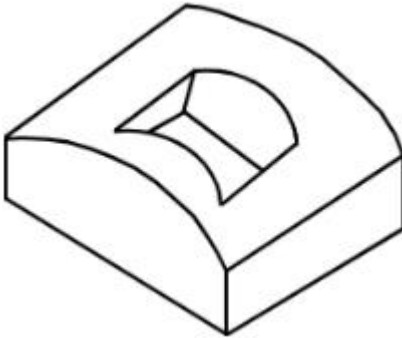
7155057921.



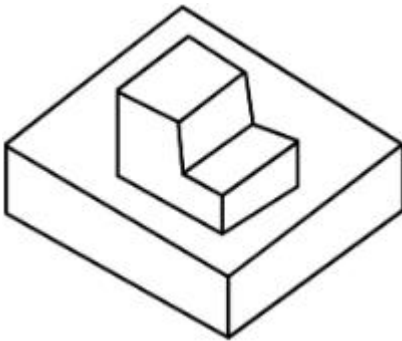
7155057922.



7155057923.



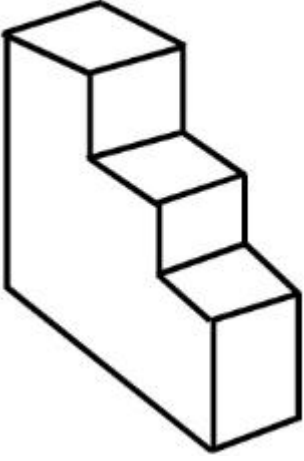
7155057924.



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

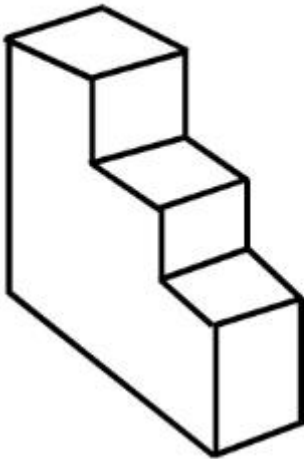
Question Number : 67 Question Id : 7155052530 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

বস্তুটির কটি তল আছে ?



Options :

7155057925. 9

7155057926. 10

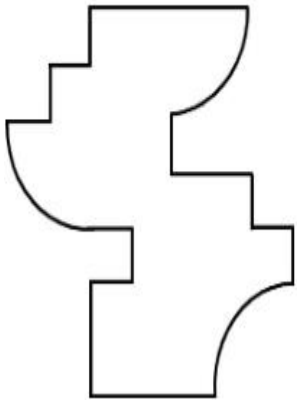
7155057927. 8

7155057928. 11

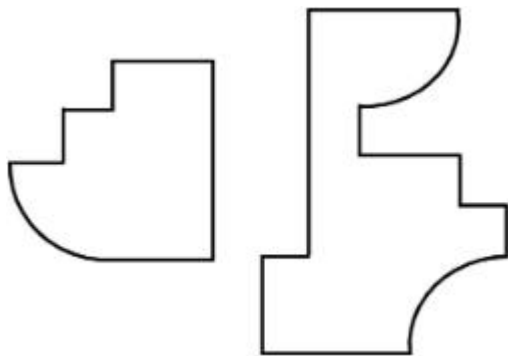
Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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 :

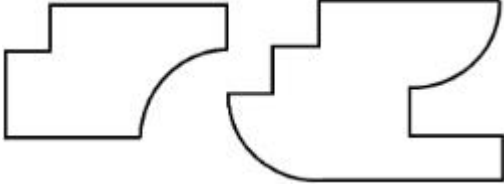


7155057929.

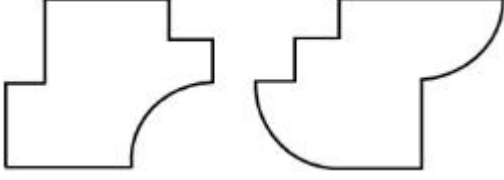


7155057930.

7155057931.



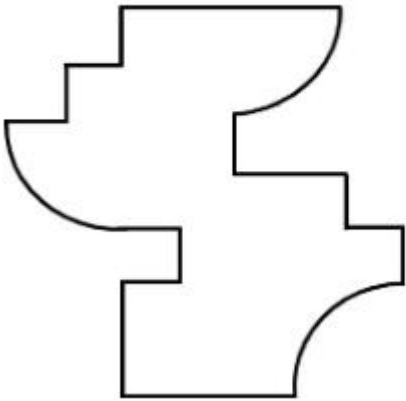
7155057932.



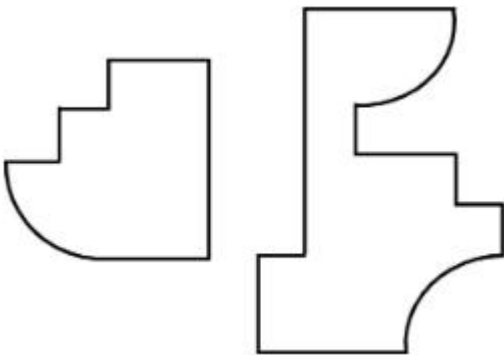
Question Number : 68 Question Id : 7155052531 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

প্রশ্নের ছবিটিকে দুভাগে ভাগ করলে উত্তরের কোন ছবিটি ঠিক হবে?

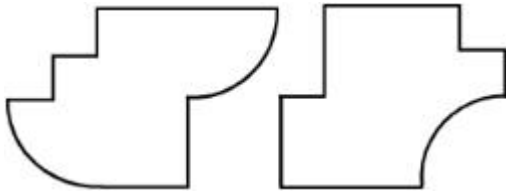


Options :

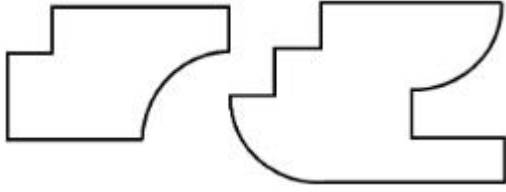


7155057929.

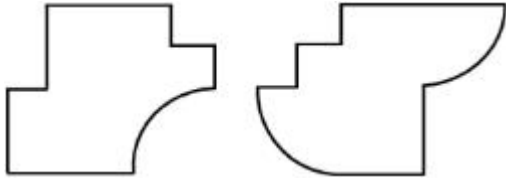
7155057930.



7155057931.



7155057932.



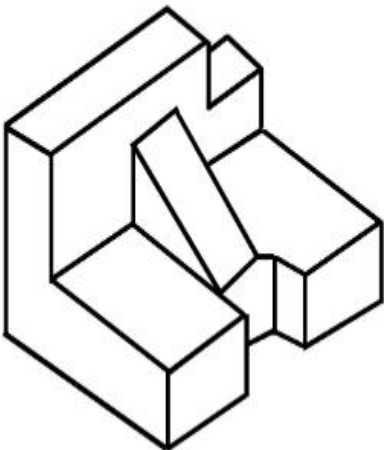
Question Number : 69 Question Id : 7155052532 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

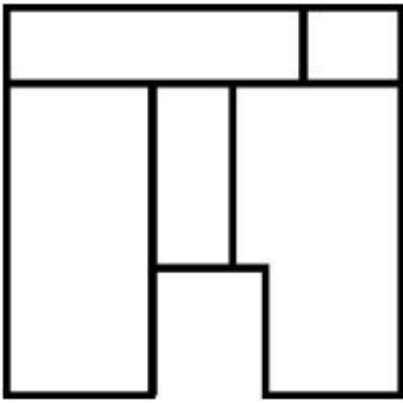
Correct Marks : 4 Wrong Marks : 1

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

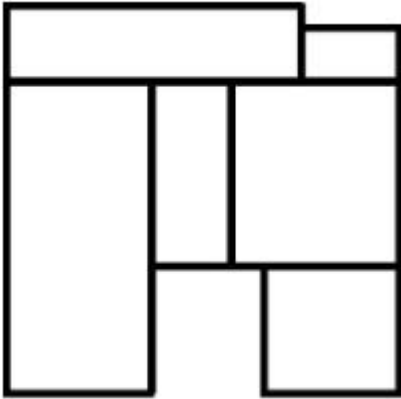


Options :

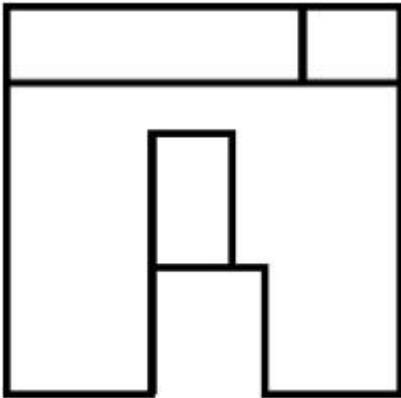
7155057933.



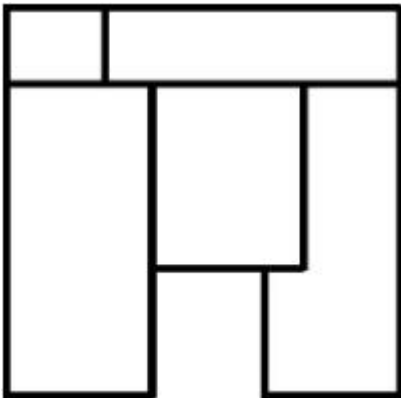
7155057934.



7155057935.



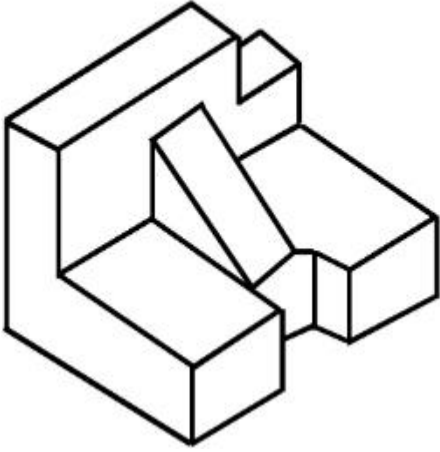
7155057936.



Instruction Time : 0

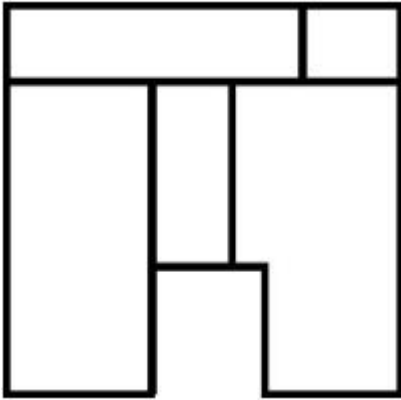
Correct Marks : 4 Wrong Marks : 1

প্রশ্নে একটি বস্তুর ত্রিমাত্রিক রূপ দেওয়া আছে। এর সঠিক উপরি রূপটি বার কর।

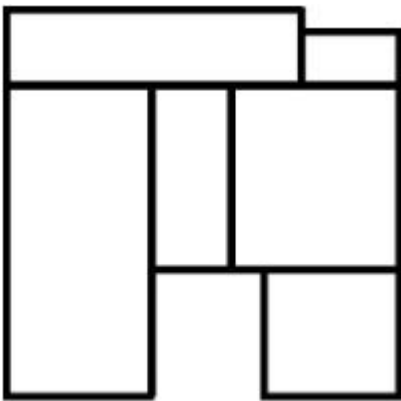


Options :

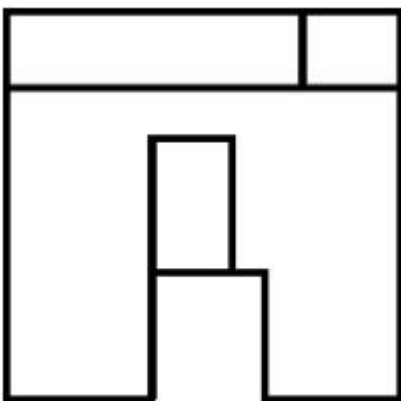
7155057933.



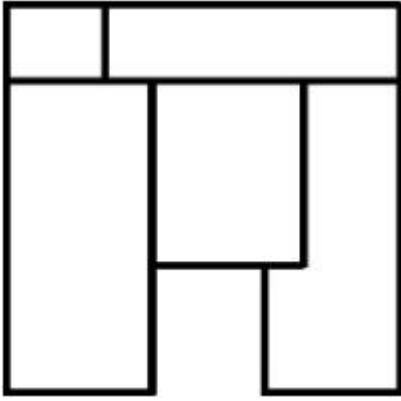
7155057934.



7155057935.



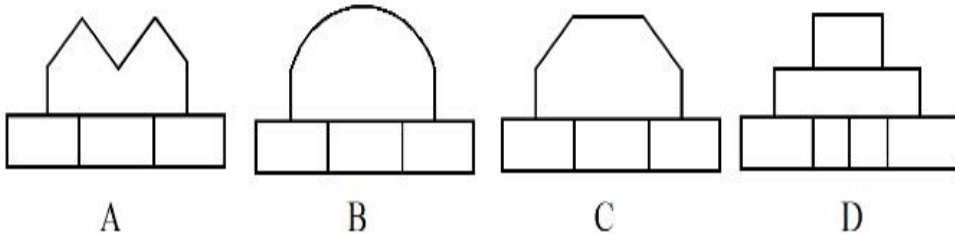
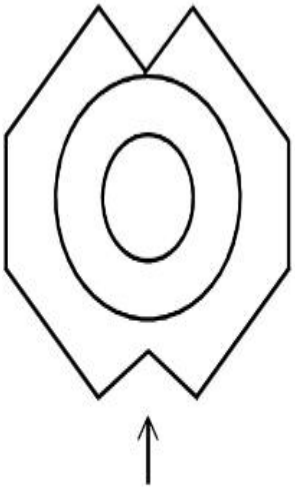
7155057936.



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

Correct Marks : 4 Wrong Marks : 1

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



Options :

7155057937. D

7155057938. A

7155057939. B

7155057940. C

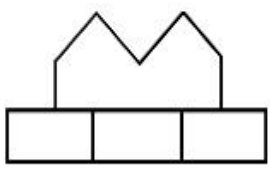
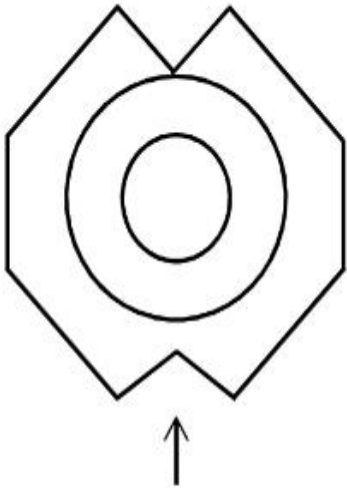
Question Number : 70 Question Id : 7155052533 Question Type : MCQ Option Shuffling : Yes Is

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

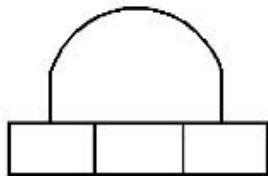
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

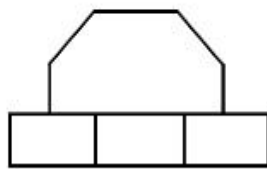
চিহ্নিত তীর চিহ্নের দিক থেকে বস্তুটির প্ল্যানের দেখলে সঠিক রূপটি কি হবে।



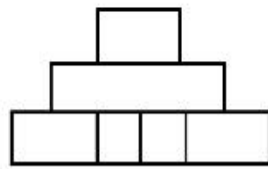
A



B



C



D

Options :

7155057937. D

7155057938. A

7155057939. B

7155057940. C

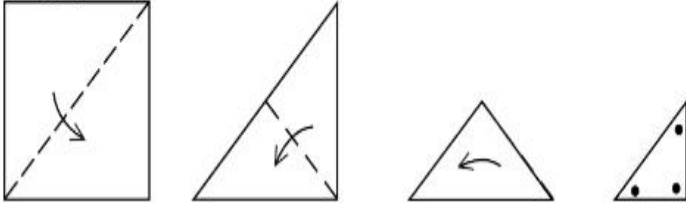
Question Number : 71 Question Id : 7155052534 Question Type : MCQ Option Shuffling : Yes Is

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

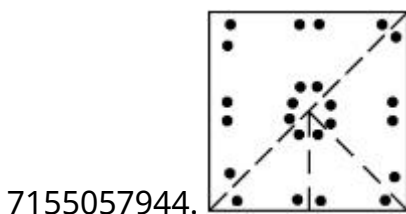
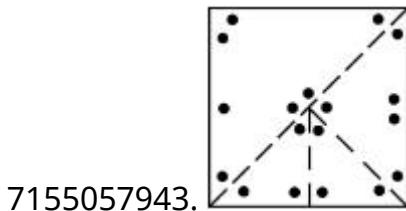
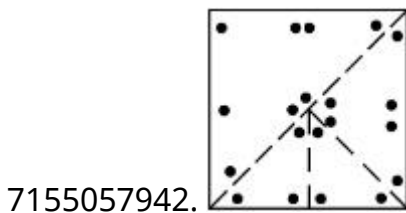
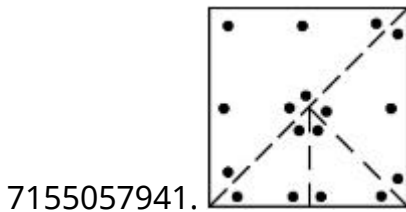
Instruction Time : 0

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 :



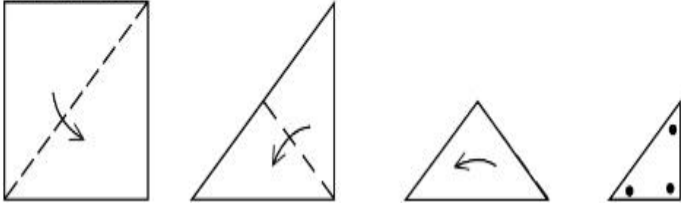
Question Number : 71 Question Id : 7155052534 Question Type : MCQ Option Shuffling : Yes Is

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

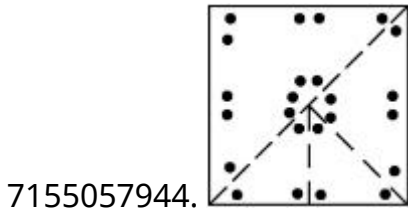
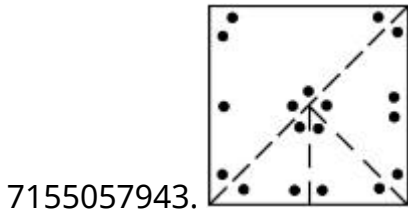
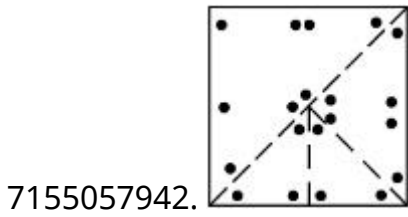
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

দেওয়া ছকে একটি পেপার ভাঁজ করা হল এবং শেষে কাটা হল। কাগজটি খোলা হলে কোন ছকটি পাওয়া যাবে



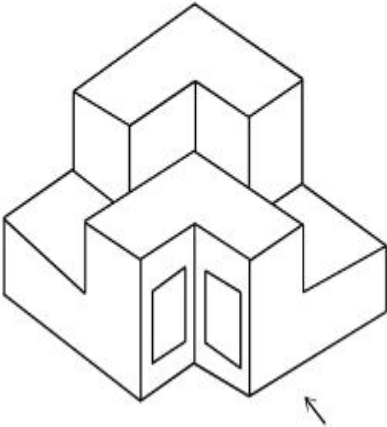
Options :



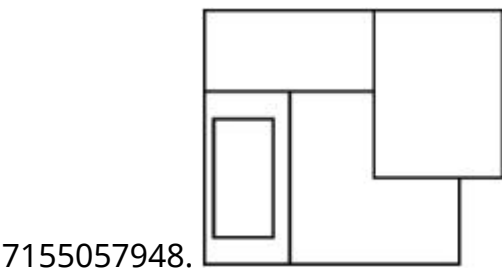
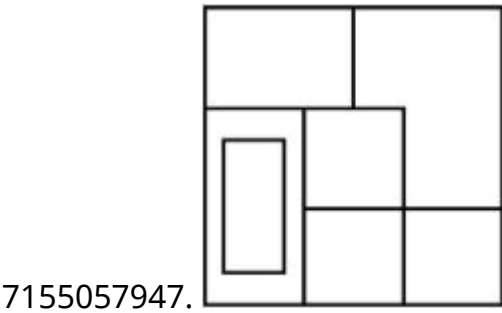
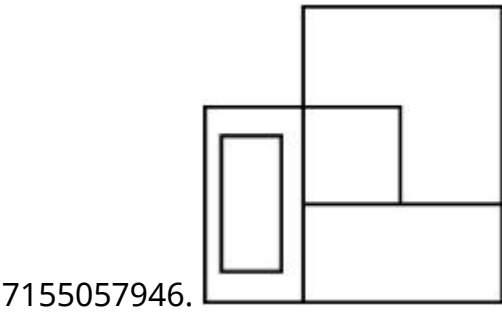
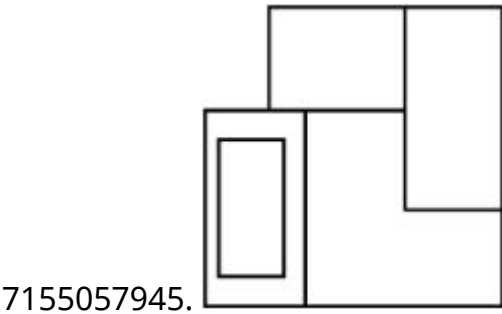
Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



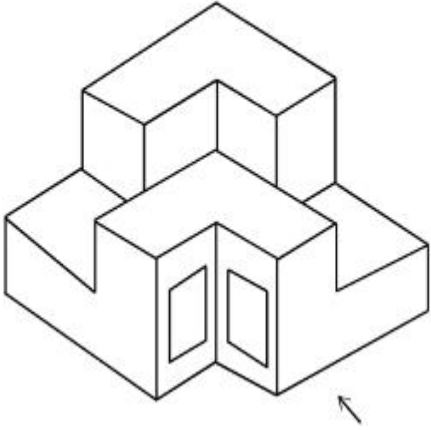
Options :



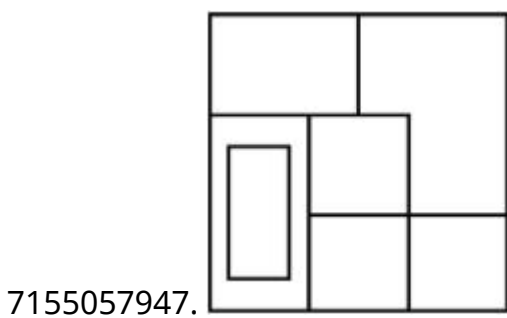
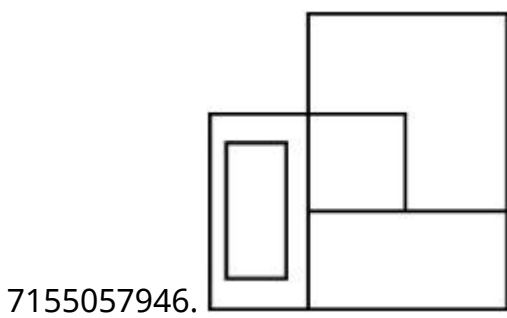
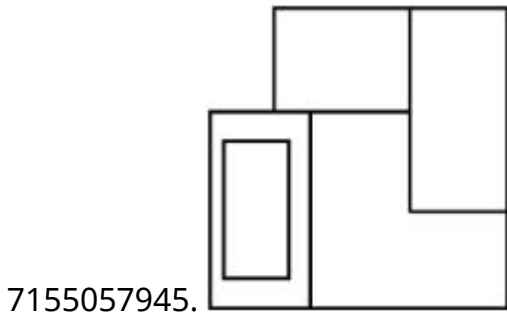
Question Number : 72 Question Id : 7155052535 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

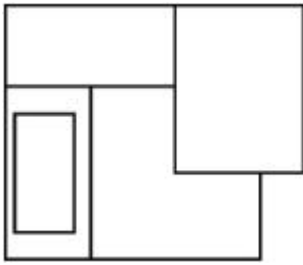
প্রশ্নে একটি বস্তুর ত্রিমাত্রিক রূপ দেওয়া আছে। তীরের দিকে সঠিক রূপটি বের কর।



Options :



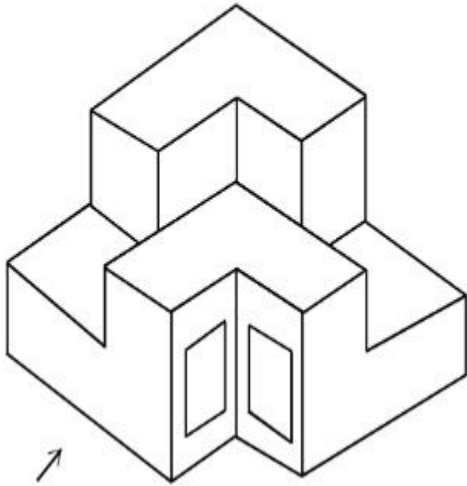
7155057948.



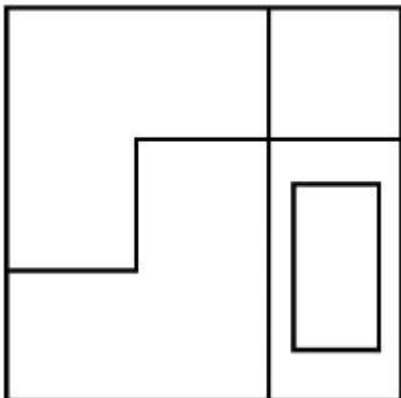
Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

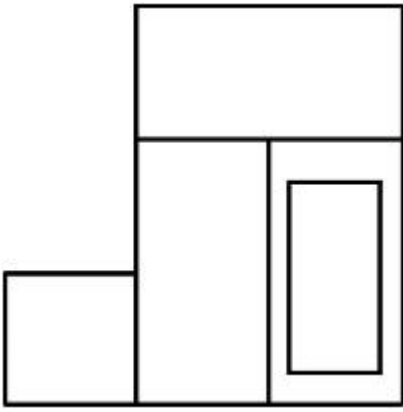


Options :

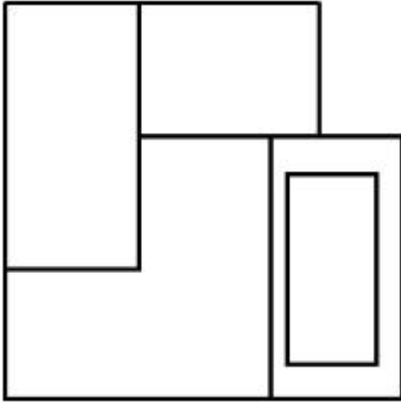


7155057949.

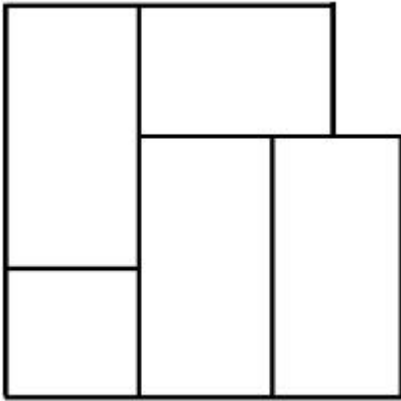
7155057950.



7155057951.



7155057952.



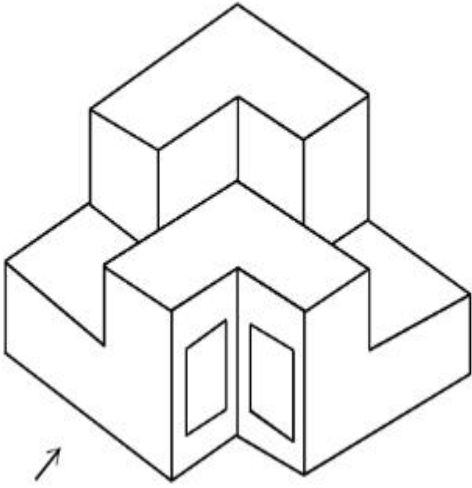
Question Number : 73 Question Id : 7155052536 Question Type : MCQ Option Shuffling : Yes Is

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

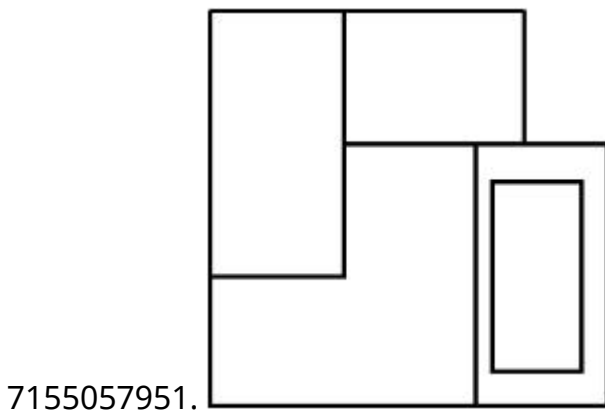
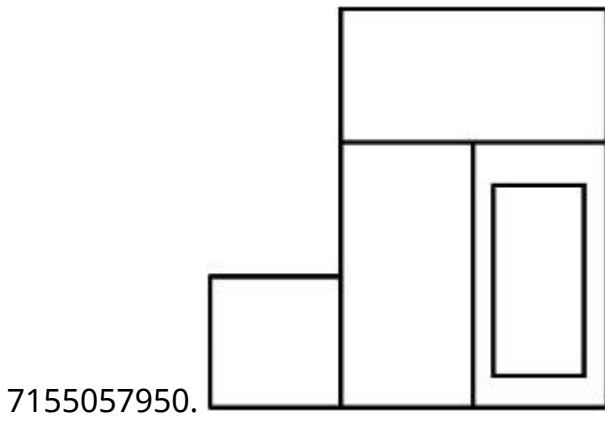
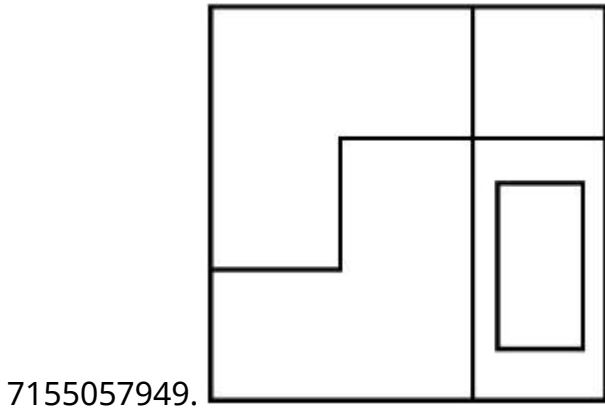
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

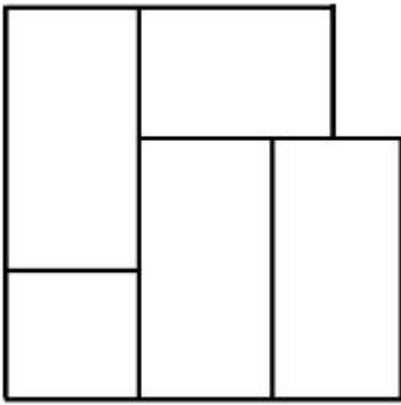
প্রশ্নে একটি বস্তুর ত্রিমাত্রিক রূপটি দেওয়া আছে। তীরের দিক থেকে সঠিক রূপটি বের কর।



Options :



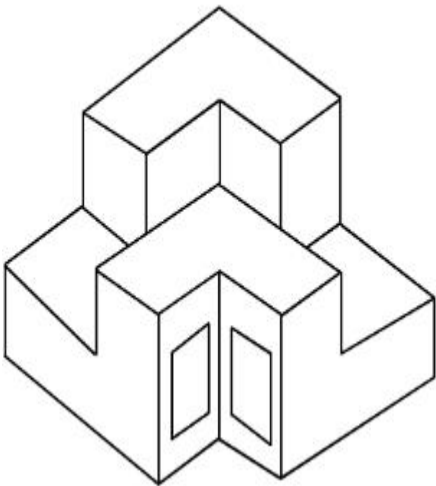
7155057952.



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

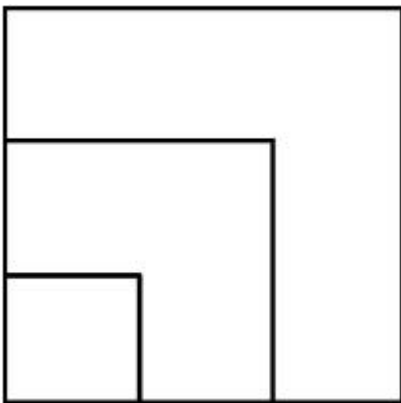
Correct Marks : 4 Wrong Marks : 1

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

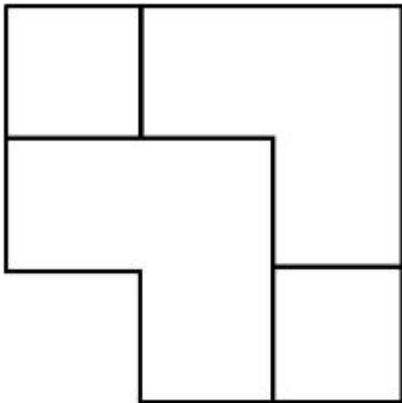
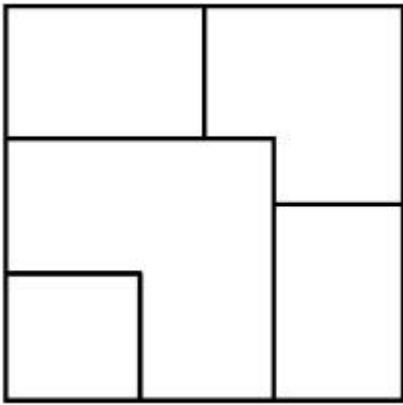


Options :

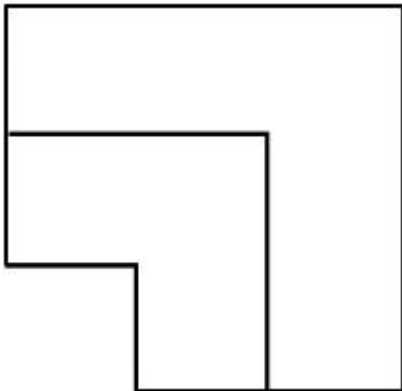
7155057953.



7155057954.



7155057955.

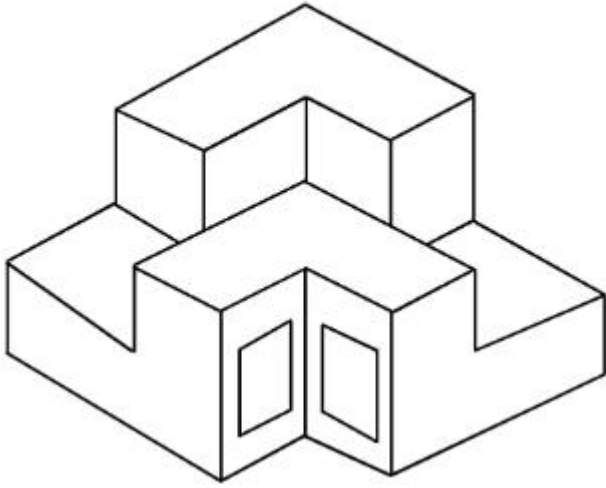


7155057956.

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

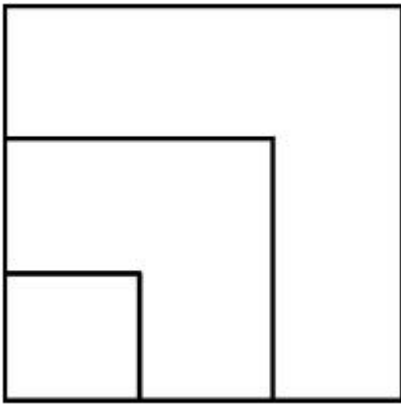
Correct Marks : 4 Wrong Marks : 1

উপর থেকে দেখা হলে ত্রিমাত্রিক বস্তুটির সঠিক রূপ বের কর।

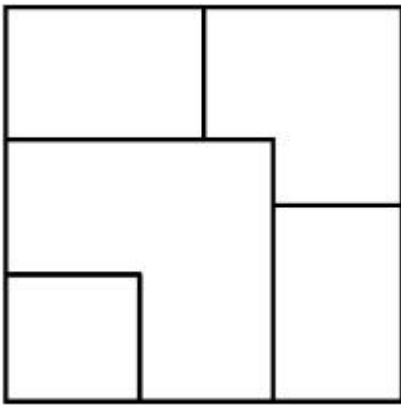


Options :

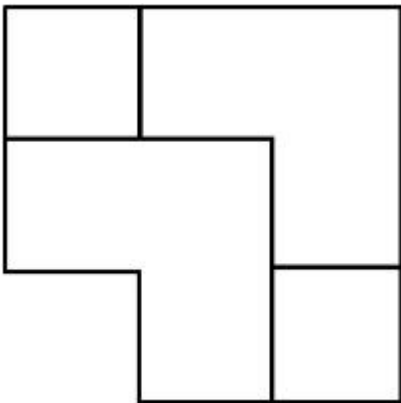
7155057953.

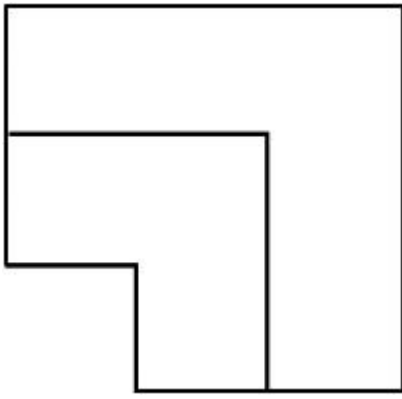


7155057954.



7155057955.



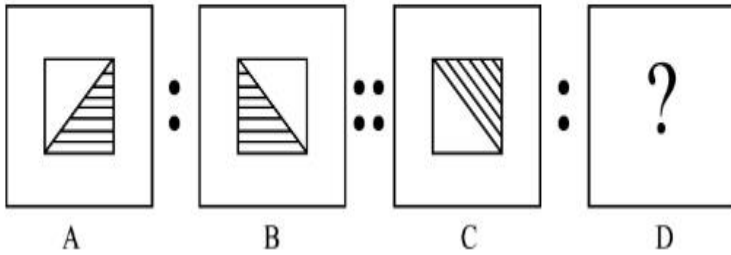


7155057956.

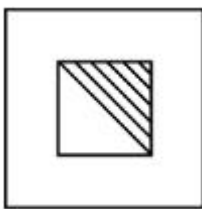
Question Number : 75 Question Id : 7155052538 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

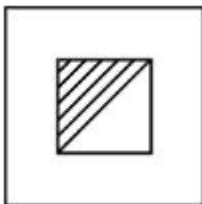
The second figure in the first part of the problem figures bears certain relationship to the first figure. Similarly, one of the figures of answer figures bears the same relationship to the first figure of the second part. Identify the correct option from the given answer figures.



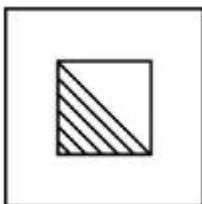
Options :



7155057957.



7155057958.



7155057959.

7155057960.



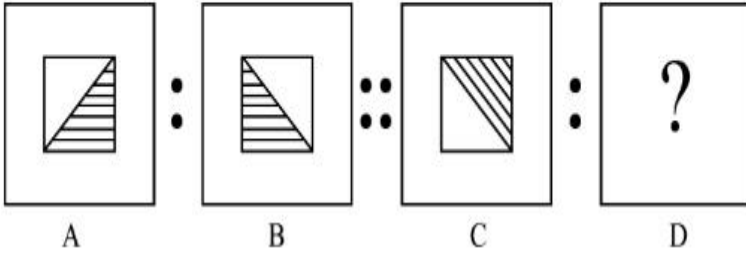
Question Number : 75 Question Id : 7155052538 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

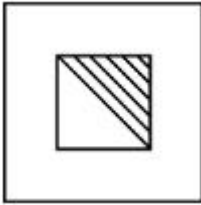
Correct Marks : 4 Wrong Marks : 1

প্রশ্নে প্রথম ভাগের প্রথম ছবির সাথে দ্বিতীয় ভাগের প্রথম ছবির একরূপ সম্পর্ক আছে। উত্তরের একটি ছবির সাথে দ্বিতীয় ভাগের প্রথম ছবির অনুরূপ সম্পর্ক আছে। উত্তরের ছবিগুলোর মধ্যে সঠিক বিকল্পটি বের কর।

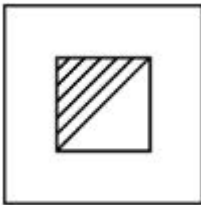


Options :

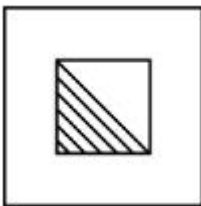
7155057957.



7155057958.



7155057959.



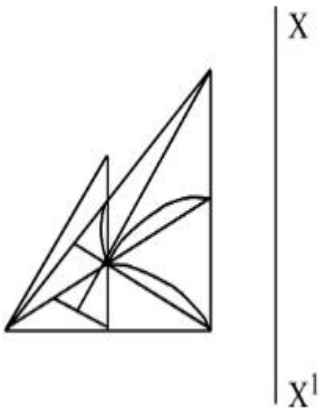
7155057960.



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

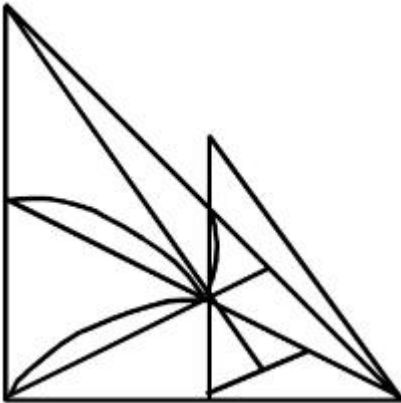
Correct Marks : 4 Wrong Marks : 1

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

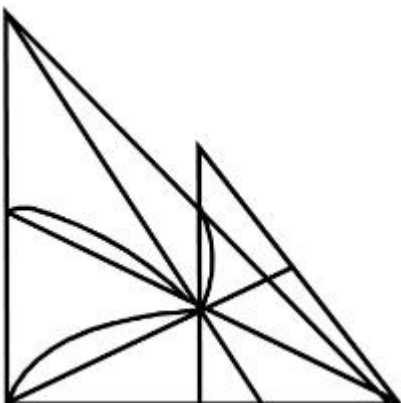


Options :

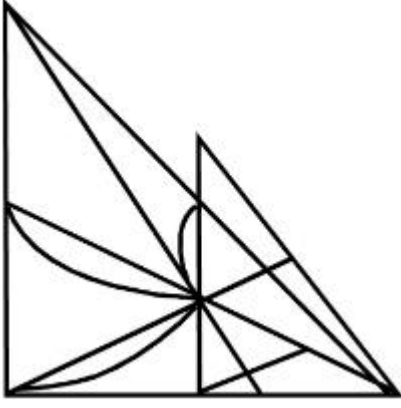
7155057961.



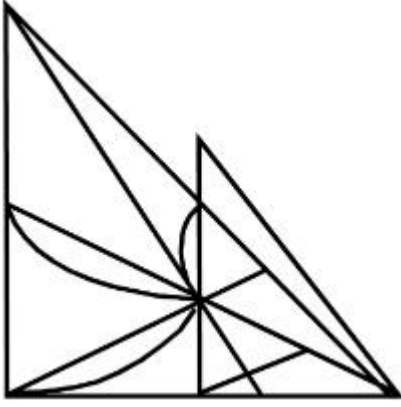
7155057962.



7155057963.



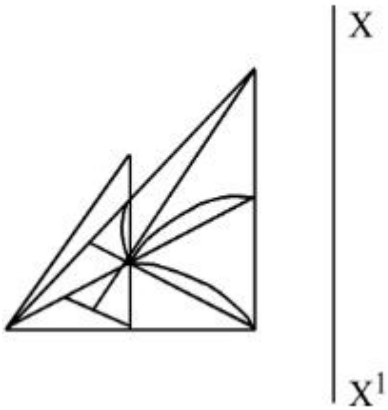
7155057964.



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

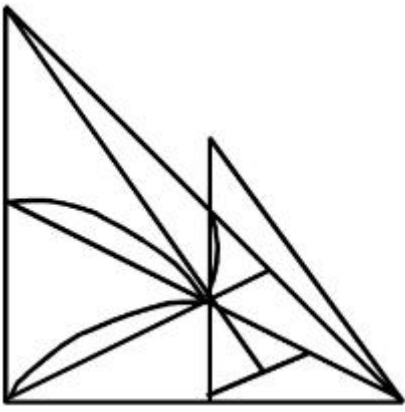
Correct Marks : 4 Wrong Marks : 1

X-X সাপেক্ষে উত্তরের ছবির মধ্যে থেকে সঠিক দর্পণ প্রতিবিম্বটি বের কর।

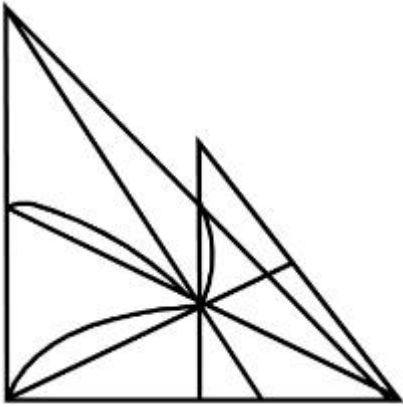


Options :

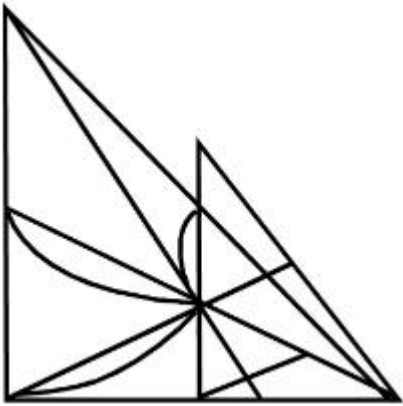
7155057961.



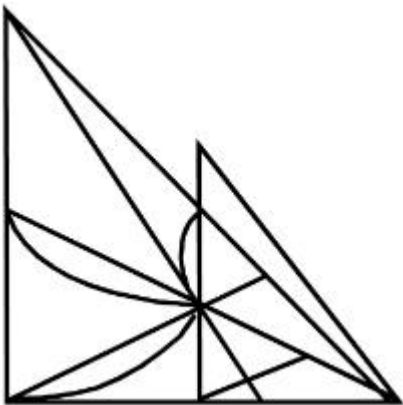
7155057962.



7155057963.



7155057964.

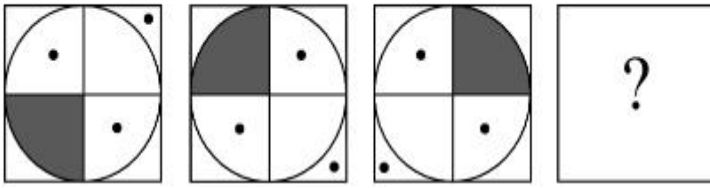


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

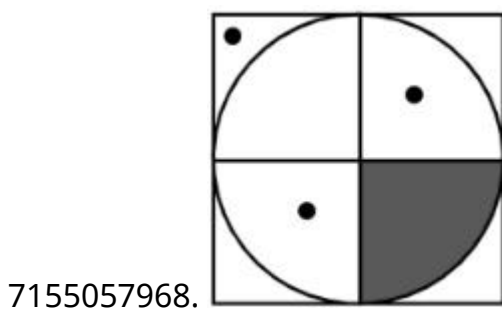
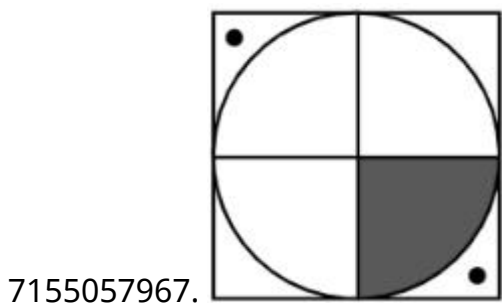
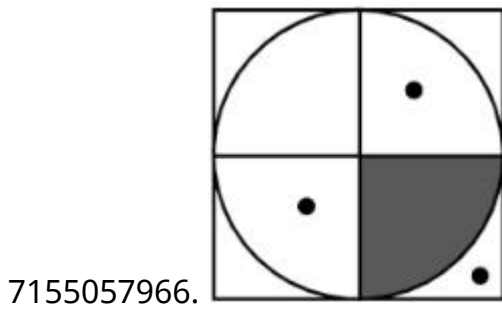
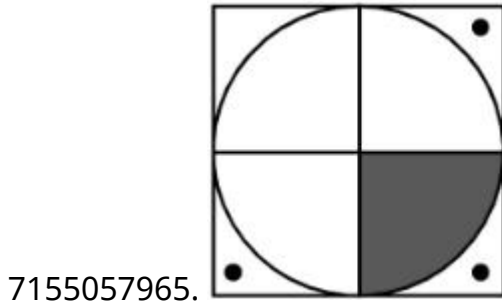
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



Options :



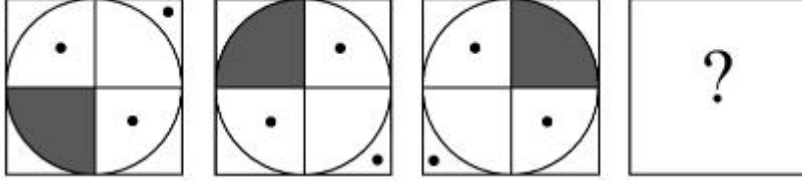
Question Number : 77 Question Id : 7155052540 Question Type : MCQ Option Shuffling : Yes Is

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

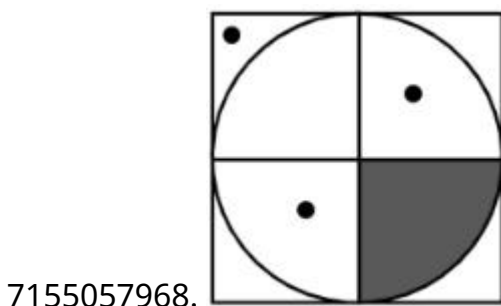
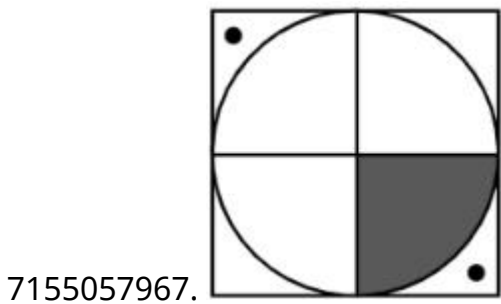
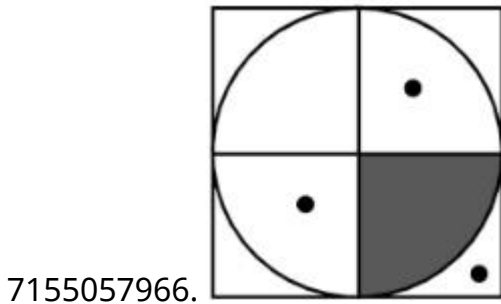
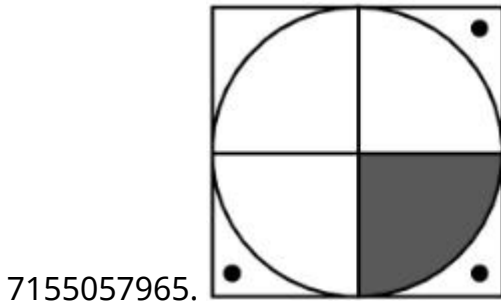
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

উত্তরের সঠিক বিকল্পটি বের কর যেটা শ্রেণীটাকে সম্পূর্ণ করবে।



Options :



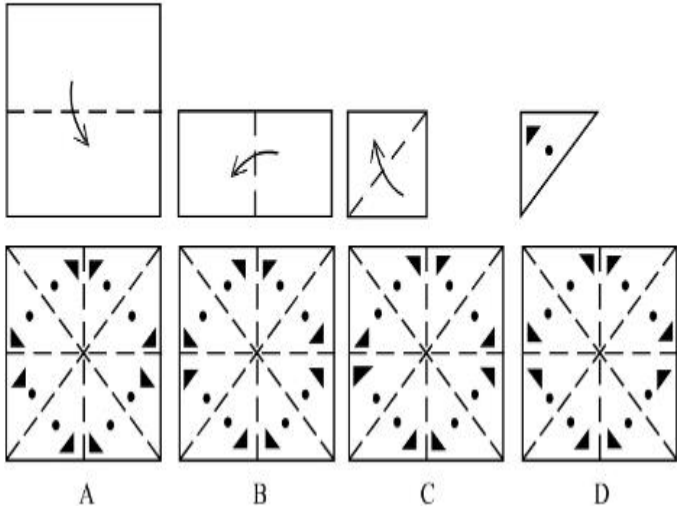
Question Number : 78 Question Id : 7155052541 Question Type : MCQ Option Shuffling : Yes Is

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

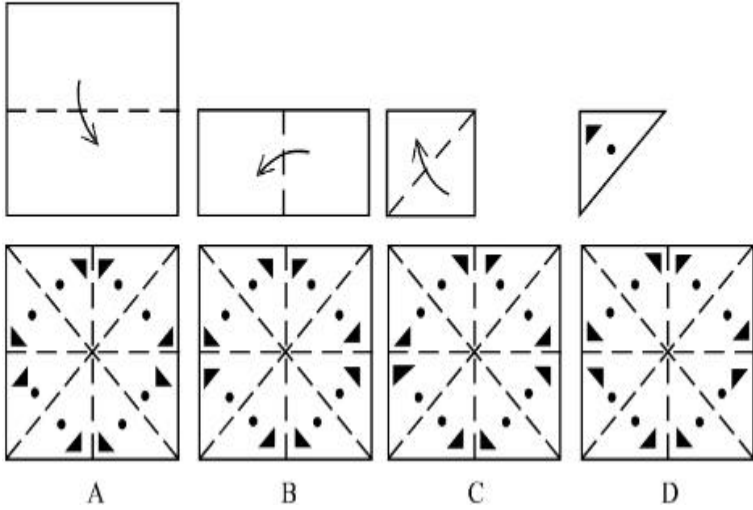
Question Number : 78 Question Id : 7155052541 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

চিহ্নিত রূপে পাতাকে ভাঁজ করা হল, এবং কাটা হল যেমন ভাবে দেখানো হয়েছে। নীচের বিকল্পগুলি থেকে বের কর যখন খোলা হবে তখন কেমন আকার নেবে ?



Options :

7155057969. B

7155057970. A

7155057971. D

7155057972. C

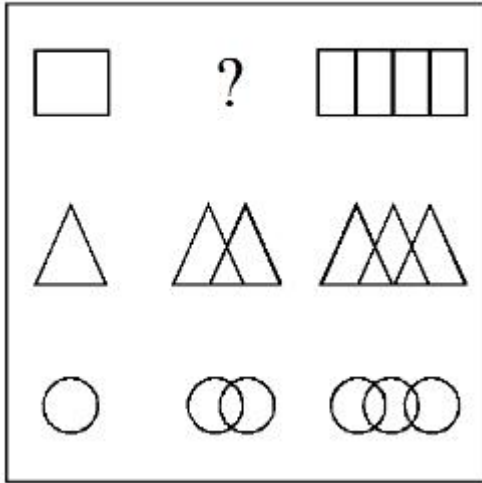
Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is

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

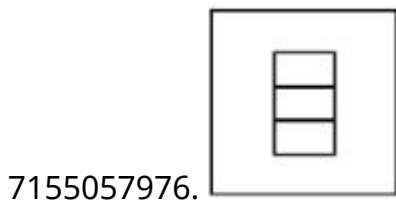
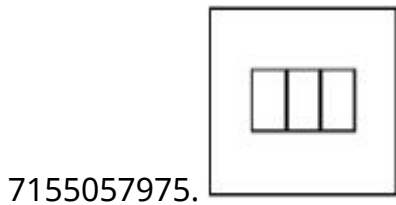
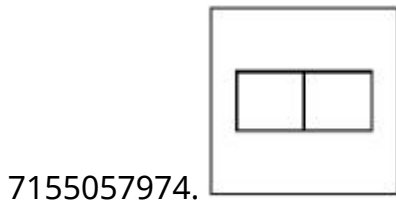
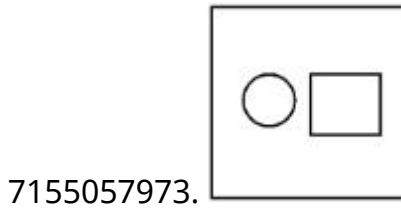
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the figure mentioned below find the missing series:-

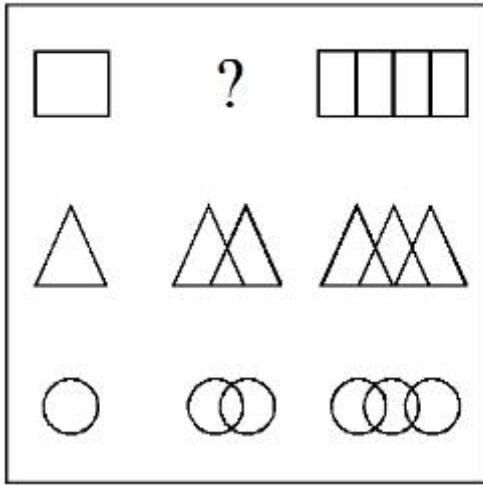


Options :

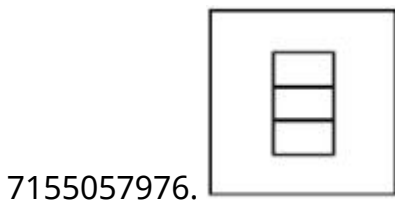
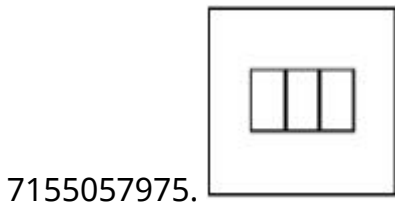
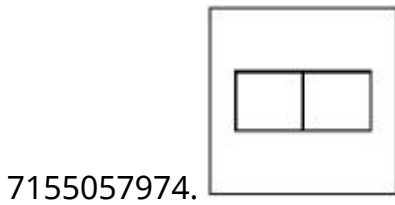
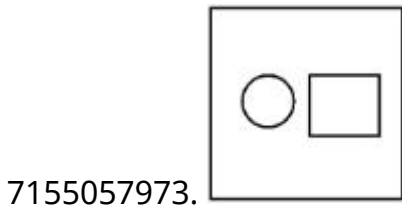


Question Number : 79 Question Id : 7155052542 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

নীচের ছবিতে অনুপস্থিত বের কর :-

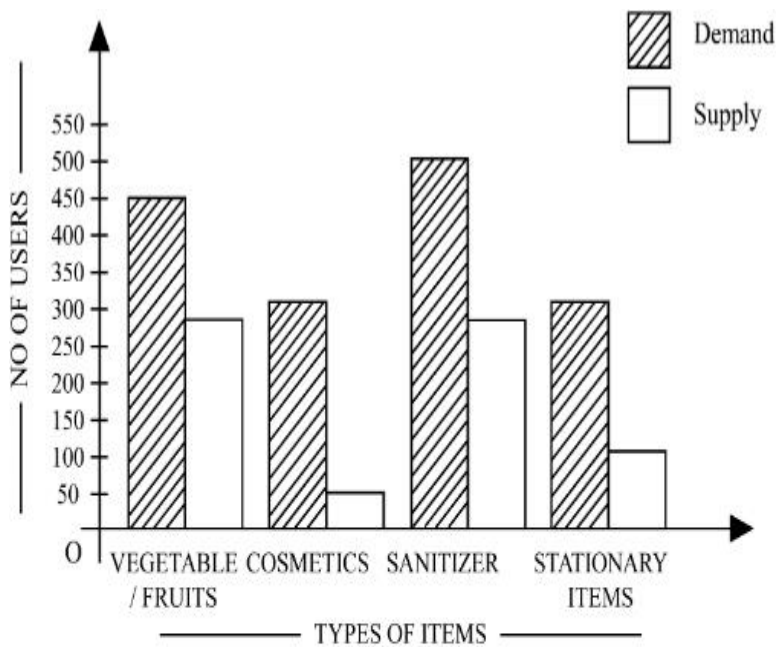


Options :



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

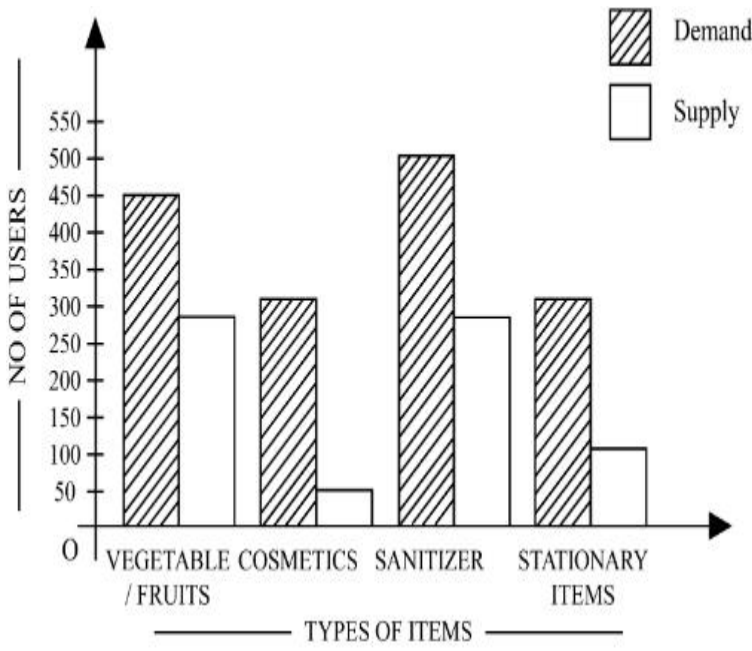
7155057980. B, C and D only

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



বিভিন্ন ব্যবহারকারী বিভিন্ন বস্তুর সরবরাহ এবং চাহিদা উপরের চিত্রে দেওয়া আছে। নীচের কোন বিকল্পটি সঠিক?

- A. Sanitizer এর চাহিদার শুধুমাত্র 50% আছে
- B. সবার মধ্যে Cosmetics এর সরবরাহ সর্বনিম্ন
- C. দুটি বস্তুর সমান চাহিদা কিন্তু আলাদা সরবরাহ
- D. দুটি বস্তুর সমান সরবরাহ এবং সমান চাহিদা

নীচের কোন বিকল্পটি সঠিক:-

Options :

7155057977. শুধু B এবং D

7155057978. শুধু A এবং B

7155057979. শুধু A এবং C

7155057980. শুধু B, C এবং D

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

একই স্থানে যখন কোন মানুষ অন্যদের তুলনায় জীবনযাপনের নূন্যতম মানটি অর্জন করতে পারে না, তখন সেই অবস্থাকে বলা হয়:

Options :

7155057981. দারিদ্র

7155057982. প্রাচুর্য্য

7155057983. পর্যাপ্ততা

7155057984. বিলাসিতা

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

গ্রীসে অ্যাক্রোপোলিস হল

Options :

7155057985. আদালত

7155057986. উচ্চস্থ নগরদুর্গ

7155057987. উন্মুক্ত রঙ্গমন্চ

7155057988. বিশাল স্নানাগার

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

land use মানচিত্রে, কোন বর্ণসংকেতটি বিনোদনমূলক কাজে ব্যবহৃত হয় ?

Options :

7155057989. হলুদ

7155057990. সবুজ

7155057991. বেগুনী

7155057992. নীল

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

বিবৃতি I: দিল্লী শহরের নকশা ব্যাসার্ধ বরাবর

বিবৃতি II: দিল্লী শহরের নকশা Grid iron এর মতন

Options :

7155057993. বিবৃতি I এবং বিবৃতি II উভয়েই ঠিক

7155057994. বিবৃতি I এবং বিবৃতি II উভয়েই ভুল

7155057995. বিবৃতি I ঠিক কিন্তু বিবৃতি II ভুল

7155057996. বিবৃতি I ভুল কিন্তু বিবৃতি II ঠিক

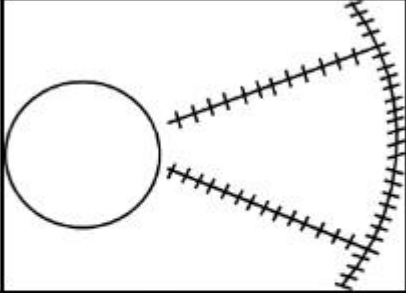
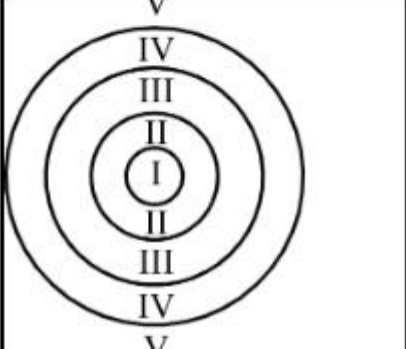
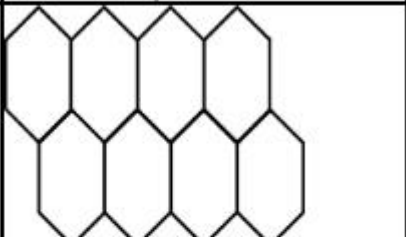
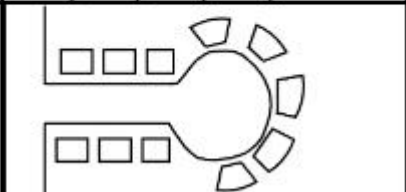
Question Number : 85 Question Id : 7155052548 Question Type : MCQ Option Shuffling : Yes Is

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

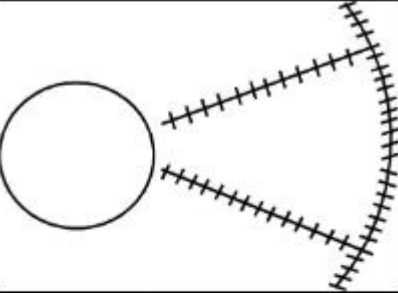
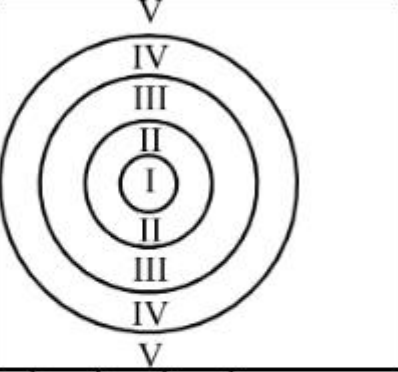
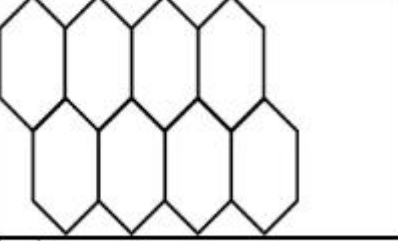
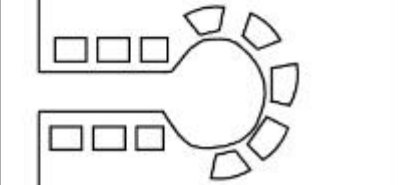
Question Number : 85 Question Id : 7155052548 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

নীচের বিকল্পগুলি থেকে ঠিক উত্তরটি বেছে নাও:

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

তালিকা I এর সঙ্গে তালিকা II মেলাও

তালিকা I		তালিকা 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.	Homes Hoyt's

নীচের বিকল্পগুলি থেকে ঠিক উত্তরটি বেছে নাও:

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

তালিকা I এর সঙ্গে তালিকা II মেলাও

তালিকা I		তালিকা 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

নীচের বিকল্পগুলি থেকে ঠিক উত্তরটি বেছে নাও:

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.	Auroville	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

তালিকা I এর সঙ্গে তালিকা II মেলাও

তালিকা I		তালিকা II	
A.	Madurai	I.	Planned Hill city
B.	Aurovile	II.	Kadamba Vanam
C.	Lavasa	III.	Grid Iron
D.	Chandigarh	IV.	Matri Mandir

নীচের বিকল্পগুলি থেকে ঠিক উত্তরটি বেছে নাও:

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

নীচের কোন ধারাটি পন্চায়েতী রাজ এর সঙ্গে সম্পর্কিত?

Options :

7155058013. ধারা 243

7155058014. ধারা 324

7155058015. ধারা 124

7155058016. ধারা 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

কত একরে 1 হেক্টর হয় ?

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 এর পুরো কথাটি কি ?

Options :

7155058021. National Institute for Transforming India

7155058022. National Industry for Technology India

7155058023. National Industry for Transforming India

7155058024. National Industrial Technical Institute

**Question Number : 92 Question Id : 7155052555 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

The term "Conurbation" was coined by ?

Options :

7155058025. Kevin Lynch

7155058026. Patrick Geddes

7155058027. Ebenezer Howard

7155058028. Lewis Mumford

Question Number : 92 Question Id : 7155052555 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"Conurbation" কথাটি কে প্রচলন করেছিলেন ?

Options :

7155058025. Kevin Lynch

7155058026. Patrick Geddes

7155058027. Ebenezer Howard

7155058028. Lewis Mumford

Question Number : 93 Question Id : 7155052556 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who is the planner of Durgapur city?

Options :

7155058029. Le Corbusier

7155058030. Ebenezer Howard

7155058031. Joseph Allen Stein

7155058032. Charles Correa

Question Number : 93 Question Id : 7155052556 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

দুর্গাপুর শহরের পরিকল্পক কে ?

Options :

7155058029. Le Corbusier

7155058030. Ebenezer Howard

7155058031. Joseph Allen Stein

7155058032. Charles Correa

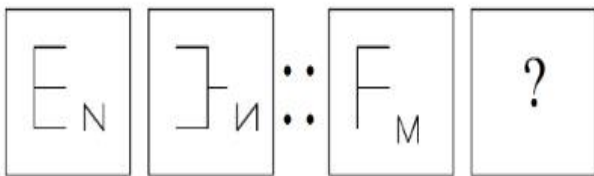
Question Number : 94 Question Id : 7155052557 Question Type : MCQ Option Shuffling : Yes Is

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

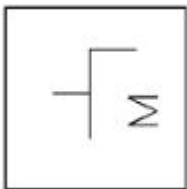
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

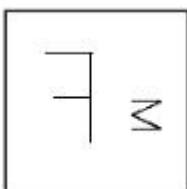
In problem figures, A and B have certain relation. Identify which one of the answer figures will have similar relation between C and D?



Options :



7155058033.



7155058034.

7155058035.



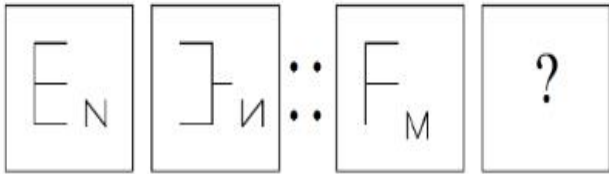
7155058036.



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

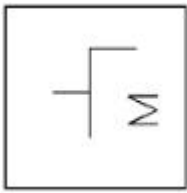
Correct Marks : 4 Wrong Marks : 1

প্রদত্ত প্রশ্নচিত্রে, A এবং B এর মধ্যে একটি নির্দিষ্ট সম্পর্ক আছে। নীচের বিকল্পগুলির থেকে কোনটি C এবং D এর মধ্যে অনুরূপ সম্পর্ক নির্দেশ করে?

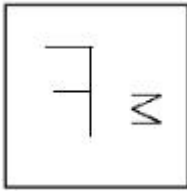


Options :

7155058033.



7155058034.



7155058035.



7155058036.



Question Number : 95 Question Id : 7155052558 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The Housing Development Finance Corporation Limited (HDFC) was founded in:

Options :

7155058037. 1947

7155058038. 1961

7155058039. 1977

7155058040. 1981

Question Number : 95 Question Id : 7155052558 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Housing Development Finance Corporation Limited (HDFC) কবে প্রতিষ্ঠিত হয়েছিল:

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

যুক্তরাষ্ট্রীয় সরকার ব্যবস্থার একটি অপরিহার্য বৈশিষ্ট্য হল

Options :

7155058041. ক্ষমতার কেন্দ্রীকরণ

7155058042. বিভিন্ন স্তরে ক্ষমতার বন্টন

7155058043. বিরোধিতা

7155058044. অলিখিত সংবিধান

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

নীচের বিকল্পগুলির মধ্যে কোনটি public sector bank নয়?

Options :

7155058045. ICICI

7155058046. State Bank of India

7155058047. Indian Bank

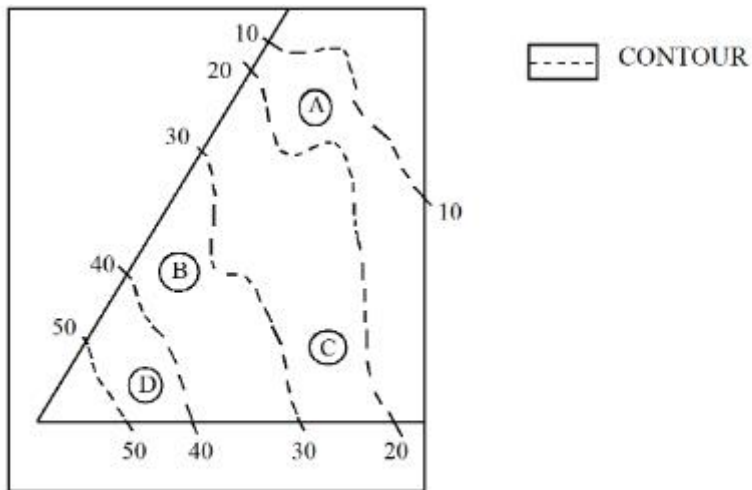
7155058048. Canara Bank

Question Number : 98 Question Id : 7155052561 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



In the given diagram, the location of D on the site is:

Options :

7155058049. 30-40

7155058050. 40-50

7155058051. 10-20

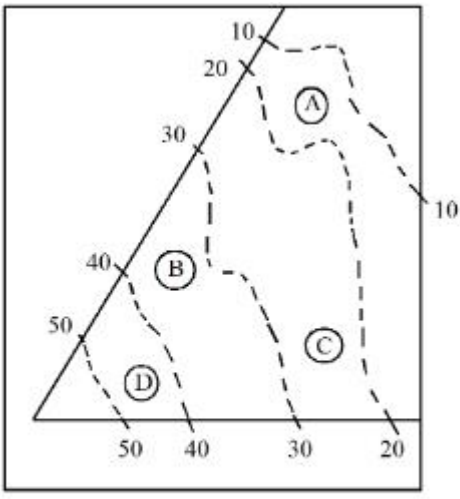
7155058052. 20-30

Question Number : 98 Question Id : 7155052561 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



----- CONTOUR

প্রদত্ত চিত্রে D এর অবস্থান হল:

Options :

7155058049. 30-40

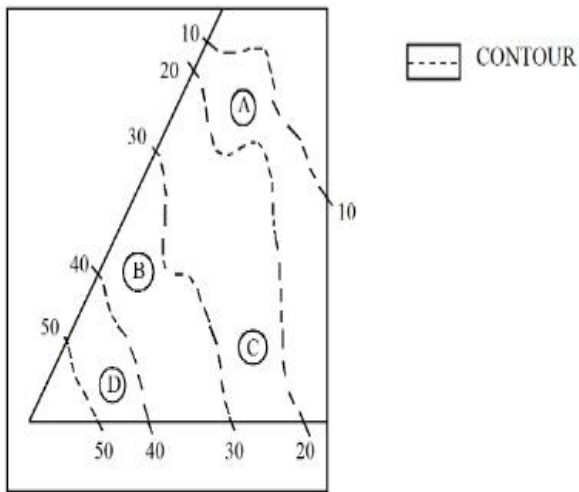
7155058050. 40-50

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

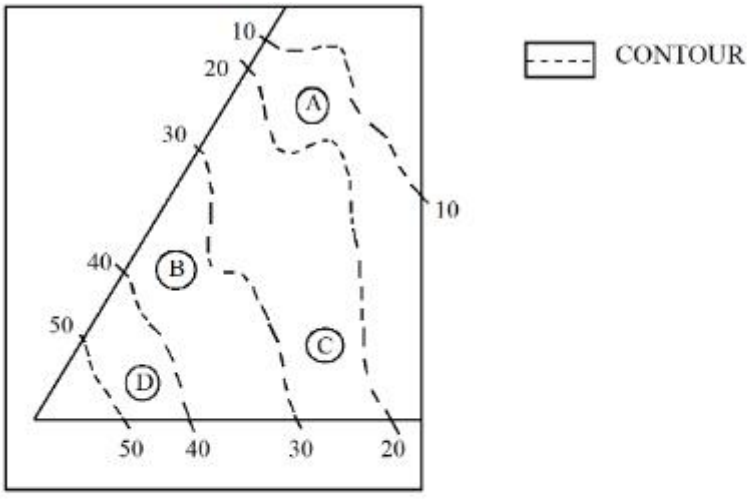
7155058056. Statement **I** is false but Statement **II** is true

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



বিবৃতি I: প্রদত্ত চিত্রে B এর অবস্থান C এর উপরে

বিবৃতি II: প্রদত্ত চিত্রে A এর অবস্থান C এর नीচে

উপরের বিবৃতিদুটির প্রসঙ্গে, नीচের ঠিক বিকল্পটি হল:

Options :

7155058053. বিবৃতি I এবং বিবৃতি II উভয়ই ঠিক

7155058054. বিবৃতি I এবং বিবৃতি II উভয়ই ভুল

7155058055. বিবৃতি I ঠিক কিন্তু বিবৃতি II ভুল

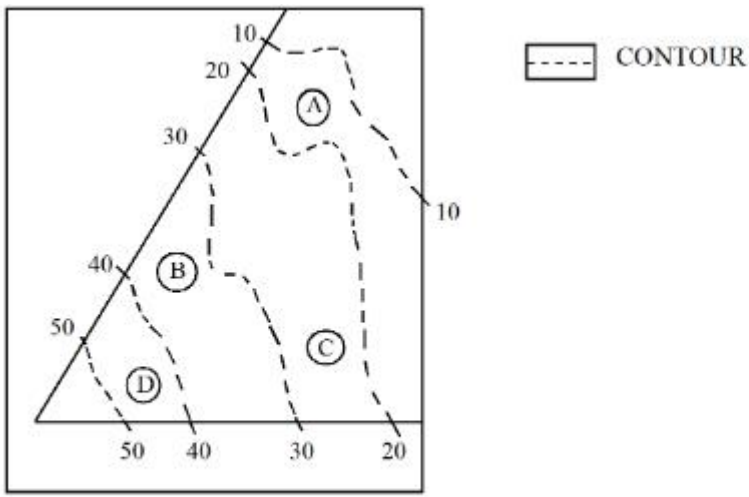
7155058056. বিবৃতি I ভুল কিন্তু বিবৃতি II ঠিক

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

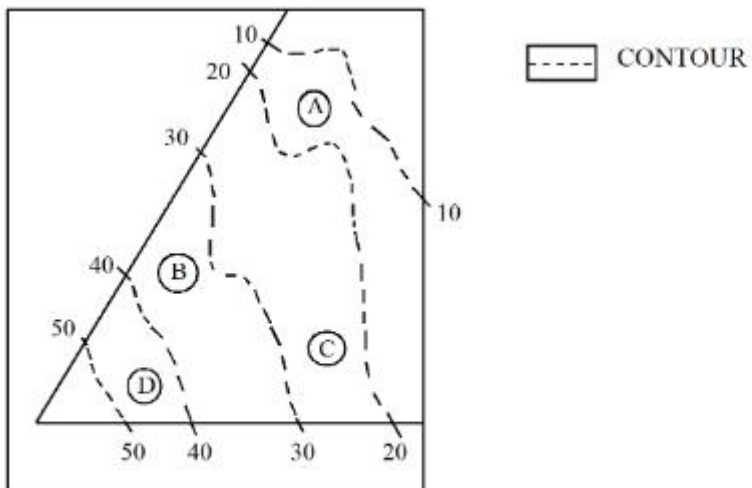
7155058060. 40-50

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



প্রদত্ত চিত্রে A কোন বহিরেখবিন্যাসে (contour) অবস্থান করে?

Options :

7155058057. 20-30

7155058058. 30-40

7155058059. 10-20

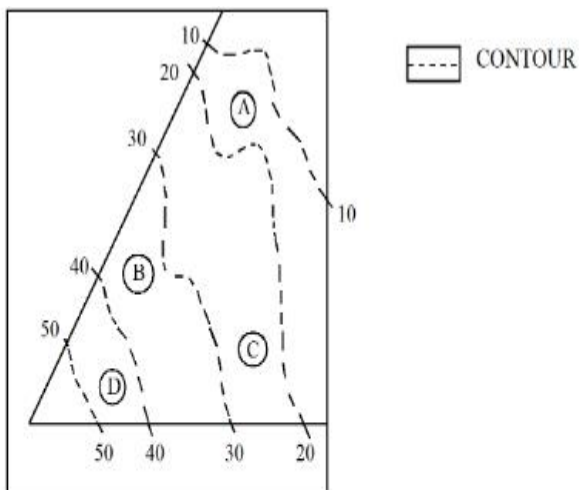
7155058060. 40-50

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

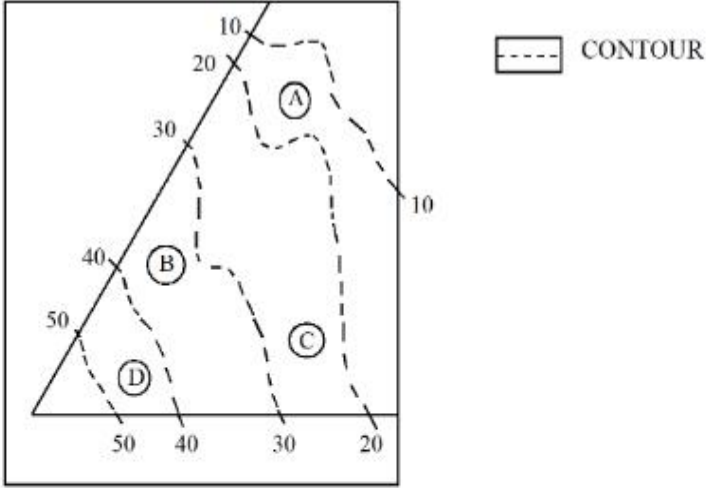
7155058064. Statement **I** is false but Statement **II** is true

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



বিবৃতি **I**: 'A' প্রদত্ত স্থানে সর্বনিম্ন অবস্থানে আছে

বিবৃতি **II**: 'A' প্রদত্ত স্থানে 'B' এর তুলনায় নিম্নতর অবস্থানে আছে

উপরোক্ত বিবৃতিগুলির প্রসঙ্গে নীচের বিকল্পগুলি থেকে **সঠিক** উত্তর বাছুন:

Options :

7155058061. বিবৃতি **I** এবং বিবৃতি **II** উভয়ই ঠিক

7155058062. বিবৃতি **I** এবং বিবৃতি **II** উভয়ই ভুল

7155058063. বিবৃতি **I** ঠিক কিন্তু বিবৃতি **II** ভুল

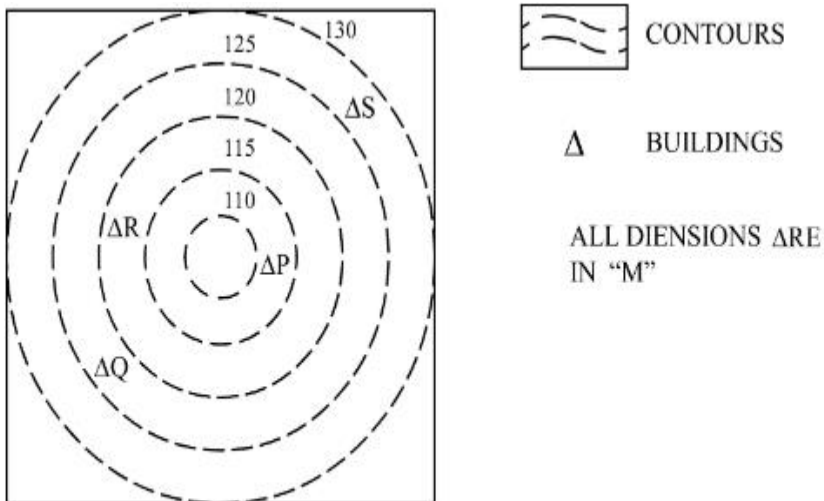
7155058064. বিবৃতি **I** ভুল কিন্তু বিবৃতি **II** ঠিক

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

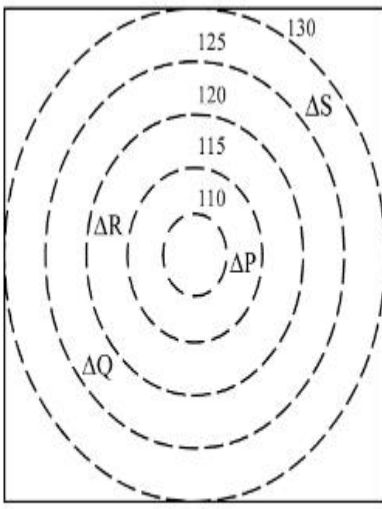
7155058068. 4

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"

প্রদত্ত চিত্রে কতগুলি বহরেখ বিন্যাসের স্তর (contour levels) "P" এবং "S" এর মধ্যে উপস্থিত

Options :

7155058065. 2

7155058066. 3

7155058067. 1

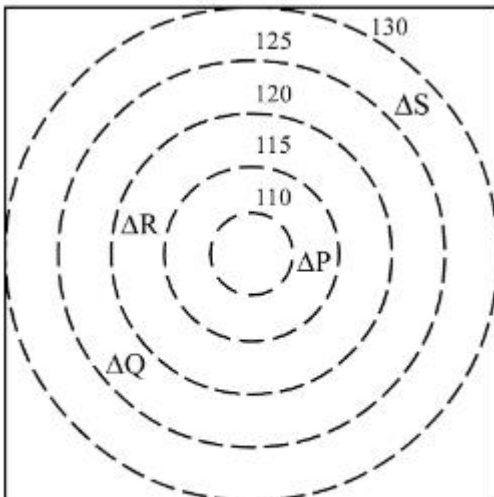
7155058068. 4


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

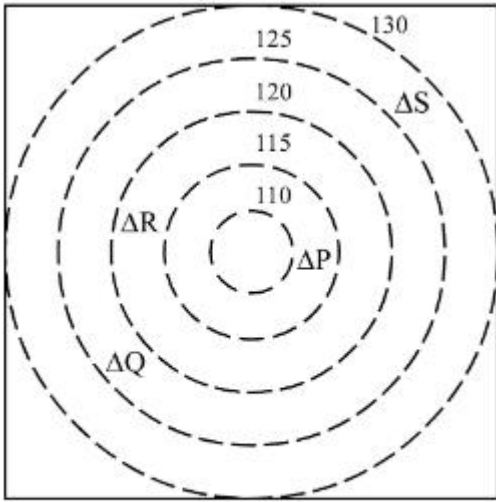
7155058072. 15


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"

প্রদত্ত চিত্রে "S", "R" এর চেয়ে _____ মিটার উঁচুতে আছে।

Options :

7155058069. 5

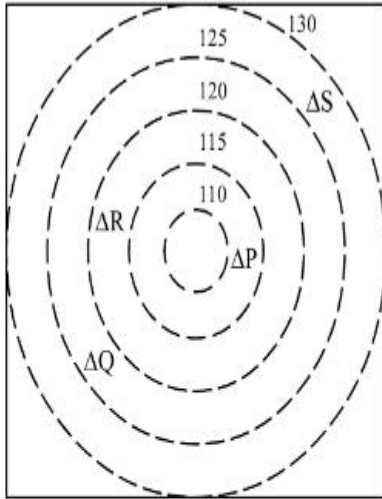
7155058070. 10

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

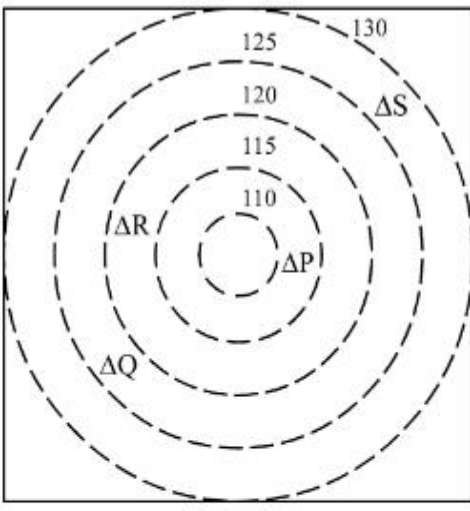
7155058074. Both Statement **I** and Statement **II** are false

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"

প্রদত্ত চিত্র অনুযায়ী:

বিবৃতি I : "R", "P" এবং "Q" এর থেকে উচ্চতর

বিবৃতি II : "S", "P", "Q" এবং "R" এর থেকে উচ্চতর

উপরোক্ত বিবৃতিগুলির ভিত্তিতে, নীচের বিকল্পগুলি থেকে **সঠিক** উত্তর বাছ:

Options :

7155058073. বিবৃতি I এবং বিবৃতি II উভয়ই ঠিক

7155058074. বিবৃতি I এবং বিবৃতি II উভয়ই ভুল

7155058075. বিবৃতি I ঠিক কিন্তু বিবৃতি II ভুল

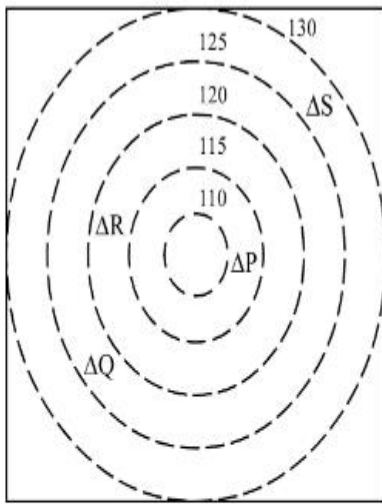
7155058076. বিবৃতি I ভুল কিন্তু বিবৃতি II ঠিক

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

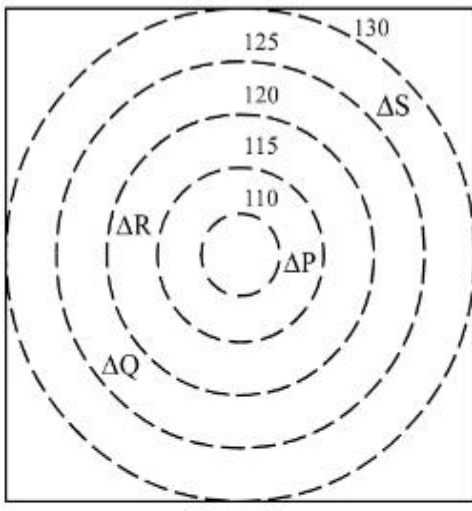
7155058080. Statement **I** is false but Statement **II** is true

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"

প্রদত্ত চিত্র অনুযায়ী:

বিবৃতি I: "P", 110 M উচ্চতায় অবস্থান করে

বিবৃতি II: "Q", "S" এর থেকে 5 M নীচে অবস্থান করে

উপরোক্ত বিবৃতিগুলির ভিত্তিতে নীচের বিকল্পগুলি থেকে **সঠিক** উত্তর বাছ:

Options :

7155058077. বিবৃতি I এবং বিবৃতি II উভয়ই ঠিক

7155058078. বিবৃতি I এবং বিবৃতি II উভয়ই ভুল

7155058079. বিবৃতি I ঠিক কিন্তু বিবৃতি II ভুল

7155058080. বিবৃতি I ভুল কিন্তু বিবৃতি II ঠিক