

National Testing Agency

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

Group Number :	1
Group Id :	71550530
Group Maximum Duration :	0
Group Minimum Duration :	210
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	500
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Mathematics Section A

Section Id :	715505163
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 :	715505163
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 7155052651 Question Type : MCQ Option Shuffling : Yes 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 :

7155058371. R_1 is transitive but R_2 is not transitive

7155058372. R_2 is transitive but R_1 is not transitive

7155058373. Both R_1 and R_2 are transitive

7155058374. Neither R_1 nor R_2 is transitive

Question Number : 1 Question Id : 7155052651 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

\mathbb{R}^2 పై రెండు సంబంధాలు R_1 మరియు R_2 లు

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

$a + d \geq b + c$ అయితే, $(a, b) R_2 (c, d)$ చే నిర్వచితం. అప్పుడు :

Options :

7155058371. R_1 సకర్మకం కాని R_2 సకర్మకం కాదు

7155058372. R_2 సకర్మకం కాని R_1 సకర్మకం కాదు

7155058373. R_1 మరియు R_2 రెండూ సకర్మకం

7155058374. R_1 మరియు R_2 రెండూ సకర్మకం కాదు

Question Number : 2 Question Id : 7155052652 Question Type : MCQ Option Shuffling : Yes 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 :

7155058375. 1

7155058376. $\frac{1}{9}$

7155058377. 3

7155058378. 9

Question Number : 2 Question Id : 7155052652 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$x^2 - 3x + 9 = 0$ యొక్క మూలాలు α మరియు β అనుకోండి. అప్పుడు $\left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}} \right)^2$

= :

Options :

7155058375. 1

7155058376. $\frac{1}{9}$

7155058377. 3

7155058378. 9

Question Number : 3 Question Id : 7155052653 Question Type : MCQ Option Shuffling : Yes 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 :

7155058379. 1153

7155058380. 947

7155058381. 537

7155058382. 837

Question Number : 3 Question Id : 7155052653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$z=2+5i$ కి, $2z^3+21z^2-58z+4$ యొక్క పరమమూల్యం :

Options :

7155058379. 1153

7155058380. 947

7155058381. 537

7155058382. 837

Question Number : 4 Question Id : 7155052654 Question Type : MCQ Option Shuffling : Yes 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 :

7155058383. 27

7155058384. $\frac{1}{3}$

7155058385. 9

7155058386. 3

Question Number : 4 Question Id : 7155052654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఇచ్చిన సమీకరణాల వ్యవస్థకు

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

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

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

అంతులేని సాధనలు ఉన్నట్లు అయితే, K^2 :

Options :

7155058383. 27

7155058384. $\frac{1}{3}$

7155058385. 9

7155058386. 3

Question Number : 5 Question Id : 7155052655 Question Type : MCQ Option Shuffling : Yes 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 :

7155058387. $2\sqrt{3}$

7155058388. $2\sqrt{2}$

7155058389. 4

7155058390. 2

Question Number : 5 Question Id : 7155052655 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\alpha, \beta \in \mathbb{R}$ కి, $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$, $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$ మరియు $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ మాత్రికలు $(A*B)*2I = 20I$ సమీకరణాన్ని తృప్తి

పరిచే, ఇక్కడ $A*B = A^2 + B^2$ గా నిర్వచితం, అప్పుడు $|\alpha\beta| = \underline{\hspace{2cm}}$.

Options :

7155058387. $2\sqrt{3}$

7155058388. $2\sqrt{2}$

7155058389. 4

7155058390. 2

Question Number : 6 Question Id : 7155052656 Question Type : MCQ Option Shuffling : Yes 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 :

7155058391. $\frac{61}{133}$

7155058392. $\frac{66}{133}$

7155058393. $\frac{16}{33}$

7155058394. $\frac{33}{67}$

Question Number : 6 Question Id : 7155052656 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$ శ్రేణిలోని మొదటి పదకొండు మొత్తం :

Options :

7155058391. $\frac{61}{133}$

7155058392. $\frac{66}{133}$

7155058393. $\frac{16}{33}$

7155058394. 67

**Question Number : 7 Question Id : 7155052657 Question Type : MCQ Option Shuffling : Yes 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 :

7155058395. e

7155058396. e^3

7155058397. e^6

7155058398. e^9

**Question Number : 7 Question Id : 7155052657 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

$\lim_{x \rightarrow 0} (1 + 3x)^{\frac{x+2}{x}} = \underline{\hspace{2cm}}$.

Options :

7155058395. e

7155058396. e^3

7155058397. e^6

7155058398. e⁹

Question Number : 8 Question Id : 7155052658 Question Type : MCQ Option Shuffling : Yes 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 :

7155058399. 90

7155058400. 180

7155058401. 360

7155058402. 270

Question Number : 8 Question Id : 7155052658 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$Q(1, 2, 0)$ బిందువు ప్రతిబింబం $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$ రేఖలో $P(\alpha, \beta, \lambda)$ అయితే $(PQ)^2$ = _____.

Options :

7155058399. 90

7155058400. 180

7155058401. 360

7155058402. 270

Question Number : 9 Question Id : 7155052659 Question Type : MCQ Option Shuffling : Yes 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 :

7155058403. 8820

7155058404. 10584

7155058405. 1764

7155058406. 3515

Question Number : 9 Question Id : 7155052659 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక డబ్బాలో 7 ఎరుపు మరియు 9 తెలుపు బంతులున్నాయి. ప్రతి రంగు కనీసం 3 బంతులుండేలా 8 బంతులను తీయు విధాల సంఖ్య :

Options :

7155058403. 8820

7155058404. 10584

7155058405. 1764

7155058406. 3515

Question Number : 10 Question Id : 7155052660 Question Type : MCQ Option Shuffling : Yes 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 :

7155058407. 19

7155058408. -19

7155058409. 18

7155058410. -21

Question Number : 10 Question Id : 7155052660 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$[t]$ ఒక గరిష్ఠ పూర్ణాంక ప్రమేయాన్ని సూచిస్తుంది. $\int_0^1 [1+x^2+x^4] dx = a$, అయితే, $36a - 25a^2 + 8a^3 - a^4$
= _____.

Options :

7155058407. 19

7155058408. -19

7155058409. 18

7155058410. -21

Question Number : 11 Question Id : 7155052661 Question Type : MCQ Option Shuffling : Yes 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 :

7155058411. $\sqrt{2}$

7155058412. 2

7155058413. $2\sqrt{2}$

7155058414. 4

Question Number : 11 Question Id : 7155052661 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

PM మరియు QL రేఖాఖండాలు R బిందువు వడ ఖండిచుకునునట్లు $PL = 8$ యూనిట్లు మరియు $QM = 2$ యూనిట్లు గా రెండు సమాంతర రేఖాఖండాలనుకోండి. P, Q, R బిందువుల గుండా పోవు వృత్తానికి PL మరియు QM స్పర్శరేఖలయితే, ఆ వృత్త వ్యాసార్థం :

Options :

7155058411. $\sqrt{2}$

7155058412. 2

7155058413. $2\sqrt{2}$

7155058414. 4

Question Number : 12 Question Id : 7155052662 Question Type : MCQ Option Shuffling : Yes 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 :

7155058415. 117

7155058416. 129

7155058417. 131

7155058418. 133

Question Number : 12 Question Id : 7155052662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కొన్ని $\alpha \in \mathbb{N}$ కి, PQR రెండు నిశ్చల శీర్షాలు $P(2, 5)$ మరియు $Q(\alpha, -11)$ కలిగిన ఒక త్రిభుజం అనుకోండి. R బిందువు $l_1: 9x + 7y + \alpha = 0$ రేఖ పైన కదులుతుంటే, l_1 కి $\frac{20}{3\sqrt{130}}$ యూనిట్ల దూరంలో ఉండి, దానికి సమాంతరంగా ఉన్న l_2 పైన ΔPQR యొక్క గురుత్వ కేంద్రం కదులుతుంది. l_2 రేఖ నుండి Q బిందువు దూరం $\frac{k}{3\sqrt{130}}$, అయితే, k విలువ :

Options :

7155058415. 117

7155058416. 129

7155058417. 131

7155058418. 133

Question Number : 13 Question Id : 7155052663 Question Type : MCQ Option Shuffling : Yes 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 :

7155058419. 12

7155058420. 30

7155058421. 24

7155058422. 48

Question Number : 13 Question Id : 7155052663 Question Type : MCQ Option Shuffling : Yes 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_1 మొదటి పాదంలో ఉండి మరియు అది y -అక్షం దృష్ట్యా A_2 బిందువు ప్రతిబింబం

అయ్యేలా $x^2 + y^2 = 10$ వృత్తం పైనున్న బిందువులు $A_i(x_i, y_i), i = 1, 2, 3$ అనుకోండి.

A_2 మరియు A_3 బిందువుల నుండి A_1 దూరం 2 అయితే, $\Delta A_1 A_2 A_3$ యొక్క వైశాల్యానికి ఇరవై రేట్లు :

Options :

7155058419. 12

7155058420. 30

7155058421. 24

7155058422. 48

Question Number : 14 Question Id : 7155052664 Question Type : MCQ Option Shuffling : Yes 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 :

7155058423. 5

7155058424. 7

7155058425. 9

7155058426. 11

Question Number : 14 Question Id : 7155052664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

7⁸⁹ ని 15 చే భాగింపగా వచ్చు శేషం :

Options :

7155058423. 5

7155058424. 7

7155058425. 9

7155058426. 11

Question Number : 15 Question Id : 7155052665 Question Type : MCQ Option Shuffling : Yes 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 :

7155058427. 5

7155058428. 13

7155058429. 19

7155058430. 27

Question Number : 15 Question Id : 7155052665 Question Type : MCQ Option Shuffling : Yes 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, -1, 3) బిందువు గుండా పోవు $y = \alpha x - \beta z + \gamma$ తలం, $2x + y + z = 1$ మరియు $3x - 2y + 2z = 0$, లలో ప్రతి తలానికి లంబంగా ఉంటే, $\alpha + \beta + \gamma = \underline{\hspace{2cm}}$.

Options :

7155058427. 5

7155058428. 13

7155058429. 19

7155058430. 27

Question Number : 16 Question Id : 7155052666 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

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

Options :

7155058431. 3

7155058432. 4

7155058433. 5

7155058434. 6

Question Number : 16 Question Id : 7155052666 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$, $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ మూడు సదిశలనుకోండి. $\vec{r} \times \vec{a} = \begin{pmatrix} \vec{b} & \vec{c} \end{pmatrix} \times \vec{a}$ మరియు

$\vec{r} \cdot \begin{pmatrix} \vec{b} & \vec{c} \end{pmatrix} = 0$, అయ్యేలా \vec{r} ఒక సదిశ అయితే, $\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k}) = \underline{\hspace{2cm}}$.

Options :

7155058431. 3

7155058432. 4

7155058433. 5

7155058434. 6

Question Number : 17 Question Id : 7155052667 Question Type : MCQ Option Shuffling : Yes 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 :

7155058435. 0

7155058436. $\frac{1}{59}$

7155058437. $\frac{3}{59}$

7155058438. $\frac{7}{118}$

Question Number : 17 Question Id : 7155052667 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

యాదృచ్ఛికంగా ఎన్నుకున్న సమీకరణం $1 + x + x^2 + \dots + x^{118} = 0$ యొక్క మూలం, సమీకరణం $x^7 = 1$ ని

తృప్తి పరిచే సంభావ్యత :

Options :

7155058435. 0

7155058436. $\frac{1}{59}$

7155058437. $\frac{3}{59}$

7155058438. $\frac{7}{118}$

Question Number : 18 Question Id : 7155052668 Question Type : MCQ Option Shuffling : Yes 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 :

7155058439. $\frac{29 \times 2^8}{3^9}$

7155058440. $\frac{25 \times 2^9}{3^9}$

$$7155058441. \frac{163}{3^9}$$

$$7155058442. \frac{835}{3^9}$$

Question Number : 18 Question Id : 7155052668 Question Type : MCQ Option Shuffling : Yes 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, ద్విపద విస్తరణ $B(n, p)$ ని కలిగి ఉందనుకోండి. దాని మొక్క మధ్యమం 3 మరియు విస్తృతి 2 అయితే,

$$P(X < \frac{n}{4}) = \underline{\hspace{2cm}}.$$

Options :

$$7155058439. \frac{29 \times 2^8}{3^9}$$

$$7155058440. \frac{25 \times 2^9}{3^9}$$

$$7155058441. \frac{163}{3^9}$$

$$7155058442. \frac{835}{3^9}$$

Question Number : 19 Question Id : 7155052669 Question Type : MCQ Option Shuffling : Yes 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 :

7155058443. $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155058444. $\left[\frac{3}{5}, \infty\right)$

7155058445. $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155058446. $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

Question Number : 19 Question Id : 7155052669 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

Options :

7155058443. $\left(\sqrt{2}-1, \frac{3}{5}\right]$

7155058444. $\left[\frac{3}{5}, \infty\right)$

7155058445. $\mathbb{R} - \{-\sqrt{2}-1, \sqrt{2}-1\}$

7155058446. $(-\infty, -1-\sqrt{2}) \cup (\sqrt{2}-1, \infty)$

Question Number : 20 Question Id : 7155052670 Question Type : MCQ Option Shuffling : Yes 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 :

7155058447. $((p \Rightarrow q) \vee p) \Rightarrow q$

7155058448. $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155058449. $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155058450. $((p \Rightarrow q) \vee p) \Rightarrow p$

Question Number : 20 Question Id : 7155052670 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కింది ప్రకటనలలో ఏది నిత్యసత్యం ?

Options :

7155058447. $((p \Rightarrow q) \vee p) \Rightarrow q$

7155058448. $((p \wedge q) \Rightarrow p) \Rightarrow q$

7155058449. $((p \wedge q) \wedge (\sim q)) \Rightarrow p$

7155058450. $((p \Rightarrow q) \vee p) \Rightarrow p$

Mathematics Section B

Section Id : 715505164

Section Number : 2

Section type : Online

Mandatory or Optional : Mandatory

Number of Questions :	10
Number of Questions to be attempted :	5
Section Marks :	20
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505164
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 21 Question Id : 7155052671 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 : 7155052671 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

m మరియు n లు సహప్రధాన సంఖ్యలు కాగా, $y + |x| = 3$ మరియు $y = |x-1|$ వక్రాలచే ఆవృత్తమైన ప్రదేశాన్ని $y = x^2 + 1$ వక్రం $m : n$ నిష్పత్తి విభజిస్తుంటే, $m+n =$ _____ .

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 :** 7155052672 **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 :** 7155052672 **Question Type :** SA **Calculator :** None

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

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

ప్రతి విద్యార్థి కనీసం ఒక కలం వచ్చేలా మరియు ఖచ్చితంగా ఇద్దరు విద్యార్థులకు కనీసం రెండు కలాలు వచ్చు విధంగా, 30 సారూప్య కలాలను 12 విద్యార్థులలో ఎన్ని విధాలుగా పంచవచ్చు _____.

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 : 7155052673 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 : 7155052673 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

$(1+x^2-x^4)^{12} = \sum_{n=0}^{48} a_n x^n$ అనుకోండి. అప్పుడు $a_0 + a_2 + a_4 + \dots + a_{44} = \underline{\hspace{2cm}}$.

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 : 7155052674 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 :** 7155052674 **Question Type :** SA **Calculator :** None

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

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

$7 + 10 + 16 + 25 + 37 + \dots$, శ్రేణిలోని మొదటి n పదాల మొత్తాన్ని S_n సూచిస్తే, $S_{30} - S_{20} =$ _____.

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 :** 7155052675 **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 : 7155052675 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

t ను దాటని గరిష్ఠ పూర్ణాంకం [t] అయితే, (-10, 10) అంతరంలో $f(x) = [x+x^3] + |x-x^3| + \left|x + \frac{1}{2}\right|$ ప్రమేయం,

అవకలనం చెందని బిందువుల సంఖ్య = _____.

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 : 7155052676 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 : 7155052676 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

$$\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + C, \text{ ఇక్కడ } C \text{ ఒక యాదృచ్ఛిక స్థిరాంకం అయితే, } f(0) = \underline{\hspace{2cm}}.$$

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 : 7155052677 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 : 7155052677 Question Type : SA Calculator : None

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

Correct Marks : 4 Wrong Marks : 1

(1, 5), (1, -1) నాభులుగా మరియు ఉత్కేంద్రత $\sqrt{3}$ గా కలిగిన అతిపరావలయ సమీకరణం $x^2 - 2y^2 + ax + by + c = 0$. అనుకోండి. అప్పుడు $|a + b + c| = \underline{\hspace{2cm}}$.

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 :** 7155052678 **Question Type :** SA **Calculator :** None

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

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

Let α_1, α_2 be the values of α such that the distance between the point (2, 4, 3) and the plane $3x + y + \alpha z + 10 = 0$ is $\sqrt{35}$ units. Then the area of the triangle with vertices $(\alpha_1, \alpha_2, 0)$, $(\alpha_2, \alpha_1, 0)$ and $\left(\frac{164}{13}, 5, 0\right)$ is $\underline{\hspace{2cm}}$ 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 :** 7155052678 **Question Type :** SA **Calculator :** None

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

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

(2, 4, 3) బిందువు మరియు $3x + y + \alpha z + 10 = 0$ తలం మధ్యదూరం $\sqrt{35}$ యూనిట్లు అయ్యేలా α యొక్క విలువలు α_1, α_2 అనుకోండి. అప్పుడు $(\alpha_1, \alpha_2, 0)$, $(\alpha_2, \alpha_1, 0)$ మరియు $\left(\frac{164}{13}, 5, 0\right)$ లు శీర్షాలుగా కలిగిన త్రిభుజ వైశాల్యం = $\underline{\hspace{2cm}}$ యూనిట్² లలో.

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 :** 7155052679 **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 $\overline{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\overline{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ and $\overline{OC} = \hat{u}$ 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 :** 7155052679 **Question Type :** SA **Calculator :** None

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

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

O మూలబిందువుగా, \hat{u} అనేది ఒక xy తలంలో ప్రమాణ సదిశ అయి, సమాంతర చతుర్భుజి యొక్క మూడు భుజాలు $\overline{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\overline{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ భుజాలు మరియు $\overline{OC} = \hat{u}$ సదిశలు అనుకోండి. సమాంతర చతుర్భుజి గరిష్ఠ ఘన పరిమాణం $2\sqrt{\alpha}$ అయితే, $\alpha =$ _____.

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 :** 7155052680 **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 :** 7155052680 **Question Type :** SA **Calculator :** None

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

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

$\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ అవకలన సమీకరణ సాధన $(\sqrt{2}, \sqrt{2})$ మరియు $(2, \alpha)$ బిందువుల

గుండా పోతుంటే $2\alpha - \log_e \left(\frac{\alpha^2 + 4\alpha + 2}{6} \right) =$ _____ .

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 :	715505165
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 :	715505165
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 31 Question Id : 7155052681 Question Type : MCQ Option Shuffling : Yes 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 :

7155058461. Type of cement

7155058462. Type of floor finish

7155058463. Type of paint

7155058464. Type of Brick

Question Number : 31 Question Id : 7155052681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

అడోబ్ అనేది :

Options :

7155058461. సిమెంట్ రకం

7155058462. నేల పూరించు రకం

7155058463. పెయింట్ రకం

7155058464. ఇటుక రకం

Question Number : 32 Question Id : 7155052682 Question Type : MCQ Option Shuffling : Yes 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 :

7155058465. Both Statement I and Statement II are correct

7155058466. Both Statement I and Statement II are incorrect

7155058467. Statement I is correct but statement II is incorrect

7155058468. Statement I is incorrect but statement II is correct

Question Number : 32 Question Id : 7155052682 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కింది రెండు ప్రకటనలు

ప్రకటన I : స్వతంత్ర భారత మొదటి ప్రణాళిక చేయబడిన పట్టణం చండిఘడ్.

ప్రకటన II : చండిఘడ్ పట్టణం స్విస్ ఫ్రెంచ్ నిర్మాణ కర్త లీ కార్పొరేషన్ చే రూపకల్పన చేయబడింది.

పై ప్రకటనల ఆధారంగా సముచిత జవాబు ఎన్నుకోండి.

Options :

7155058465. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058466. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058467. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

7155058468. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Question Number : 33 Question Id : 7155052683 Question Type : MCQ Option Shuffling : Yes 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 :

7155058469. Both Statement I and Statement II are correct

7155058470. Both Statement I and Statement II are incorrect

7155058471. Statement I is correct but statement II is incorrect

7155058472. Statement I is incorrect but statement II is correct

Question Number : 33 Question Id : 7155052683 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

రెండు ప్రకటనలు

ప్రకటన I : గాజు తక్కువ ఉష్ణ వాహకత్వం కలిగి ఉంటుంది.

ప్రకటన II : గాజు కాంతిని శోషణ, వక్రీభవన మరియు రవాణా చేయగలదు

పై ప్రకటనల ఆధారంగా సముచిత జవాబు ఎన్నుకోండి.

Options :

7155058469. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058470. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058471. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

7155058472. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Question Number : 34 Question Id : 7155052684 Question Type : MCQ Option Shuffling : Yes 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 :

7155058473. A-I, B-III, C-II, D-IV

7155058474. A-III, B-IV, C-I, D-II

7155058475. A-IV, B-II, C-III, D-I

7155058476. A-IV, B-III, C-I, D-II

Question Number : 34 Question Id : 7155052684 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి

జాబితా I		జాబితా II	
A.	PMUY	I.	కౌశల్ వికాస్ యోజన
B.	PMAY	II.	జన్ ధన్ యోజన
C.	PMKVY	III.	ఉజ్వల యోజన
D.	PMJDY	IV.	ఆవాస్ యోజన

సరైన జవాబు ఎన్నుకోండి

Options :

7155058473. A-I, B-III, C-II, D-IV

7155058474. A-III, B-IV, C-I, D-II

7155058475. A-IV, B-II, C-III, D-I

7155058476. A-IV, B-III, C-I, D-II

Question Number : 35 Question Id : 7155052685 Question Type : MCQ Option Shuffling : Yes 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 :

7155058477. A-IV, B-II, C-I, D-III

7155058478. A-III, B-I, C-II, D-IV

7155058479. A-II, B-I, C-IV, D-III

7155058480. A-I, B-IV, C-III, D-II

Question Number : 35 Question Id : 7155052685 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి

జాబితా I		జాబితా II	
A.	CP కుక్రేజా	I.	IIM అహ్మదాబాద్
B.	లూయిస్ కహన్	II.	జవహర్ లాల్ నెహ్రూ యూనివర్సిటీ
C.	B.V దోషి	III.	IIT ఖాన్పూర్
D.	అచ్యుత్ కన్విండే	IV.	IIM బెంగళూరు

సరైన జవాబు ఎన్నుకోండి.

Options :

7155058477. A-IV, B-II, C-I, D-III

7155058478. A-III, B-I, C-II, D-IV

7155058479. A-II, B-I, C-IV, D-III

7155058480. A-I, B-IV, C-III, D-II

Question Number : 36 Question Id : 7155052686 Question Type : MCQ Option Shuffling : Yes 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 :

7155058481. Blue-Orange

7155058482. Red-Green

7155058483. Blue-Green

7155058484. Violet-Yellow

Question Number : 36 Question Id : 7155052686 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

క్రింది వాటిలో ఏది పూరక వర్ణం కాదు?

Options :

7155058481. నీలం-నారింజ

7155058482. ఎరుపు-ఆకుపచ్చ

7155058483. నీలం-ఆకుపచ్చ

7155058484. అతినీలలోహిత-పసుపు

Question Number : 37 Question Id : 7155052687 Question Type : MCQ Option Shuffling : Yes 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 :

7155058485. Himachal Pradesh

7155058486. Uttarakhand

7155058487. Uttar Pradesh

7155058488. Madhya Pradesh

Question Number : 37 Question Id : 7155052687 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

రాబర్స్ కేవ్ భారత ఏ రాష్ట్రంలో ఉంది?

Options :

7155058485. హిమాచల్ ప్రదేశ్

7155058486. ఉత్తరాఖండ్

7155058487. ఉత్తర్ ప్రదేశ్

7155058488. మధ్య ప్రదేశ్

Question Number : 38 Question Id : 7155052688 Question Type : MCQ Option Shuffling : Yes 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 :

7155058489. Paris

7155058490. Dubai

7155058491. Kuala Lumpur

7155058492. New York

Question Number : 38 Question Id : 7155052688 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కింది వాటిలో సరైన జవాబు ఎన్నుకోండి.

పెట్రోనస్ టవర్ ఎక్కడ ఉంది?

Options :

7155058489. పారిస్

7155058490. దుబాయ్

7155058491. కౌలా లంపూర్

7155058492. న్యూయార్క్

Question Number : 39 Question Id : 7155052689 Question Type : MCQ Option Shuffling : Yes 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 :

7155058493. Madhya Pradesh

7155058494. Odisha

7155058495. Karnataka

7155058496. Rajasthan

Question Number : 39 Question Id : 7155052689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కోణార్క గుడి ఏ రాష్ట్రంలో ఉంది?

Options :

7155058493. మధ్య ప్రదేశ్

7155058494. ఒడిస్సా

7155058495. కర్ణాటక

7155058496. రాజస్థాన్

Question Number : 40 Question Id : 7155052690 Question Type : MCQ Option Shuffling : Yes 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 :

7155058497. Louis I Kahn

7155058498. Mohse Safdi

7155058499. Fariborz Sahba

7155058500. Richard Meyer

Question Number : 40 Question Id : 7155052690 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

లోటస్ లెంపుల్ యొక్క నిర్మాణ కర్త ఎవరు?

Options :

7155058497. లూయిస్ ఐ కహాన్

7155058498. మొహాసే సప్టి

7155058499. ఫరిబోర్క్ సహదా

7155058500. రిచర్డ్ మేయర్

Question Number : 41 Question Id : 7155052691 Question Type : MCQ Option Shuffling : Yes 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 :

7155058501. A dead Bearer

7155058502. A Dumb Waiter

7155058503. A Jockey Boy

7155058504. A push upper

Question Number : 41 Question Id : 7155052691 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

చిన్న బరువులను మాత్రమే మోయడానికి వాడు చిన్న లిఫ్ట్‌ని ఏమంటారు?

Options :

7155058501. డెడ్ బేయర్

7155058502. డంబ్ వెయిటర్

7155058503. జాకీ బాయ్

7155058504. పుష్ అప్పర్

Question Number : 42 Question Id : 7155052692 Question Type : MCQ Option Shuffling : Yes 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 :

7155058505. Bhubaneshwar-Puri

7155058506. Puri-Cuttack

7155058507. Bhubaneshwar-Cuttack

7155058508. Bhubaneshwar-Rourkela

Question Number : 42 Question Id : 7155052692 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒడిస్సా 'జంట నగరాలు' ani వేటిని అంటారు ?

Options :

7155058505. భువనేశ్వర్-పూరి

7155058506. పూరి-కటక్

7155058507. భువనేశ్వర్-కటక్

7155058508. భువనేశ్వర్-రుర్కెల

Question Number : 43 Question Id : 7155052693 Question Type : MCQ Option Shuffling : Yes 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 :

7155058509. Mesopotamia-Harappa-Egyptian-Chinese

7155058510. Mesopotamia-Egyptian-Harappa-Chinese

7155058511. Mesopotamia-Chinese-Harappa-Egyptian

7155058512. Egyptian-Mesopotamia-Harappa-Sumerian

Question Number : 43 Question Id : 7155052693 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

మానవ నాగరికత వాటి వ్యవస్థితం ఆధారంగా సరైన కాలక్రమానుగతం ఏది?

Options :

7155058509. మెసపటోమియా-హరప్పా-ఈజిప్షియన్-చైనీస్

7155058510. మెసపటోమియా-ఈజిప్షియన్-హరప్పా-చైనీస్

7155058511. మెసపటోమియా-చైనీస్-హరప్పా-ఈజిప్షియన్

7155058512. ఈజిప్షియన్-మెసపటోమియా-హరప్పా-సుమేరియన్

Question Number : 44 Question Id : 7155052694 Question Type : MCQ Option Shuffling : Yes 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 :

7155058513. Shah Jahan

7155058514. Jahangir

7155058515. Akbar

7155058516. Qutub ud-din Aibak

Question Number : 44 Question Id : 7155052694 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

డిల్లీలోని కుతుబ్ మినార్ ఎవరు నిర్మించారు?

Options :

7155058513. షా జహాన్

7155058514. జహంగీర్

7155058515. అక్బర్

7155058516. కుతుబ్ ఉద్దీన్ ఐబక్

Question Number : 45 Question Id : 7155052695 Question Type : MCQ Option Shuffling : Yes 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 :

7155058517. North

7155058518. South

7155058519. East

7155058520. West

Question Number : 45 Question Id : 7155052695 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దక్షిణ అర్ధగోళంలో మిరమిట్లు గొలపని (వ్యాపించిన) కాంతి సంవత్సరం మొత్తంగా ఏ దిశలో మనకు వస్తుంది?

Options :

7155058517. ఉత్తరం

7155058518. దక్షిణం

7155058519. తూర్పు

7155058520. పడమర

Question Number : 46 Question Id : 7155052696 Question Type : MCQ Option Shuffling : Yes 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 :

7155058521. Raj Rewal

7155058522. Charles Correa

7155058523. Achyut Kanvinde

7155058524. Hafeez Contractor

Question Number : 46 Question Id : 7155052696 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జైపూర్ లోని "జవహర్‌లాల్ కళా కాంప్లెక్స్" నిర్మాణ కర్త ఎవరు?

Options :

7155058521. రాజ్ రేవల్

7155058522. చార్లెస్ కొరియా

7155058523. అచ్యుత్ కన్విండే

7155058524. హఫీజ్ కాంట్రాక్టర్

Question Number : 47 Question Id : 7155052697 Question Type : MCQ Option Shuffling : Yes 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 :

7155058525. Coastal Areas

7155058526. Plains

7155058527. Mountainous Region

7155058528. Desert Areas

Question Number : 47 Question Id : 7155052697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఎక్కడ ధబ్జి-దేవరి అను నిర్మాణ శైలి ప్రబలంగా ప్రసిద్ధి.

Options :

7155058525. సముద్ర తీరాలలో

7155058526. మైదానాలలో

7155058527. పర్వత ప్రాంతాలలో

7155058528. ఎడారులలో

Question Number : 48 Question Id : 7155052698 Question Type : MCQ Option Shuffling : Yes 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 :

7155058529. Marble

7155058530. Granite

7155058531. Shale

7155058532. Sand Stone

Question Number : 48 Question Id : 7155052698 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

పర్వత ప్రాంతాలలో పై కప్పును వాడు రాయి ఏది?

Options :

7155058529. పాలరాయి

7155058530. నల్లశాణపు / గ్రానైట్ రాయి

7155058531. బంక మట్టి రాయి

7155058532. ఇసుక రాయి

Question Number : 49 Question Id : 7155052699 Question Type : MCQ Option Shuffling : Yes 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 :

7155058533. Radio Centric

7155058534. Grid-iron

7155058535. Linear

7155058536. Organic

Question Number : 49 Question Id : 7155052699 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

చండిఘడ్ ఏ రకం పట్టణ ప్రణాళిక ఉదాహరణ

Options :

7155058533. రేడియో-సెంట్రల్

7155058534. గ్రీడ్-ఐరన్

7155058535. లీనియర్

7155058536. ఆర్గానిక్

Question Number : 50 Question Id : 7155052700 Question Type : MCQ Option Shuffling : Yes 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 :

7155058537. Those facing North

7155058538. Those facing South

7155058539. Those facing East

7155058540. Those facing West

Question Number : 50 Question Id : 7155052700 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

మీరు గోవా సముద్రతీరంలో నిర్మించాలనుకుంటే, ఏ గదులు అత్యుత్తమ సముద్ర వీక్షణం కలిగి ఉంటాయి?

Options :

7155058537. ఉత్తరం చూస్తున్నది

7155058538. దక్షిణం చూస్తున్నది

7155058539. తూర్పు చూస్తున్నది

7155058540. పడమర చూస్తున్నది

Question Number : 51 Question Id : 7155052701 Question Type : MCQ Option Shuffling : Yes 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 :

7155058541. B.V Doshi

7155058542. C.P Kukreja

7155058543. Raj Rewal

7155058544. Bimal Patel

Question Number : 51 Question Id : 7155052701 Question Type : MCQ Option Shuffling : Yes 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" నేషనల్ ఇన్స్టిట్యూట్ ఆఫ్ ఫాషన్ టెక్నాలజీ, ఢిల్లీ ఎవరు రూపకల్పన చేసారు?

Options :

7155058541. బి.వి దోషి

7155058542. సి.పి. కుక్రేజా

7155058543. రాజ్ రేవల్

7155058544. బిమల్ పశుల్





Question Number : 52 Question Id : 7155052702 Question Type : MCQ Option Shuffling : Yes 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 :

7155058545. A-II, B-I, C-IV, D-III

7155058546. A-I, B-III, C-IV, D-II





7155058547. A-I, B-II, C-III, D-IV

7155058548. A-IV, B-III, C-II, D-I

Question Number : 52 Question Id : 7155052702 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి

	జాబితా I		జాబితా II
A.		I.	ఎంపైర్ స్టేట్ బిల్డింగ్
B.		II.	హగియా సోఫియా
C.		III.	సిడ్నీ ఓపెరా హౌస్
D.		IV.	కొలోసియమ్

సరైన జవాబు ఎన్నుకోండి :

Options :

7155058545. A-II, B-I, C-IV, D-III





7155058546. A-I, B-III, C-IV, D-II

7155058547. A-I, B-II, C-III, D-IV

7155058548. A-IV, B-III, C-II, D-I

Question Number : 53 Question Id : 7155052703 Question Type : MCQ Option Shuffling : Yes 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 :

7155058549. A-IV, B-I, C-II, D-III

7155058550. A-II, B-III, C-I, D-IV





7155058551. A-III, B-II, C-I, D-IV

7155058552. A-IV, B-III, C-II, D-I

Question Number : 53 Question Id : 7155052703 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి

జాబితా I		జాబితా II	
A.		I.	టెస్లా
B.		II.	ఫెర్రారి
C.		III.	పోర్షె
D.		IV.	టోయోటా

సరైన జవాబు ఎన్నుకోండి

Options :

7155058549. A-III, B-I, C-II, D-IV

7155058550. A-II, B-III, C-I, D-IV

7155058551. A-III, B-II, C-I, D-IV

7155058552. A-IV, B-III, C-II, D-I

Question Number : 54 Question Id : 7155052704 Question Type : MCQ Option Shuffling : Yes 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 :

7155058553. Both Statement I and Statement II are correct

7155058554. Both Statement I and Statement II are incorrect

7155058555. Statement I is correct but statement II is incorrect

7155058556. Statement I is incorrect but statement II is correct

Question Number : 54 Question Id : 7155052704 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

రెండు ప్రకటనలు

ప్రకటన I : వర్ణ చక్రం యొక్క ప్రధాన రంగులు ఎరుపు, నీలం మరియు పసుపు.

ప్రకటన II : వర్ణ చక్రంలో ఎదురెదురు ఉన్న వర్ణాలను పూరక రంగులు అంటారు.

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి.

Options :

7155058553. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058554. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058555. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

7155058556. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Question Number : 55 Question Id : 7155052705 Question Type : MCQ Option Shuffling : Yes Is

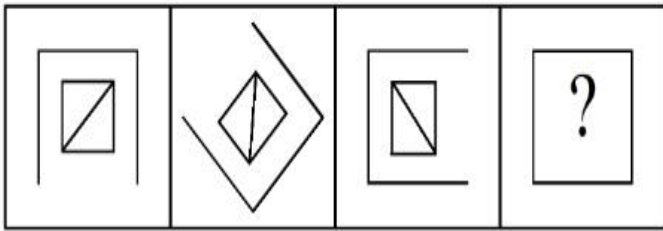
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

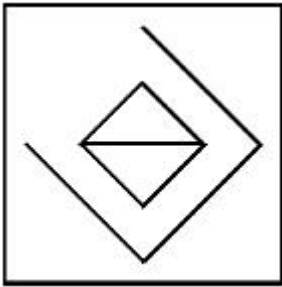
Correct Marks : 4 Wrong Marks : 1

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

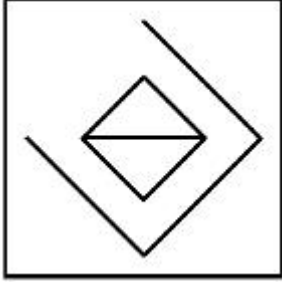


Options :

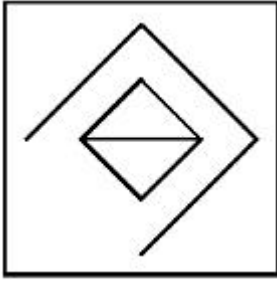


7155058557.

7155058558.



7155058559.



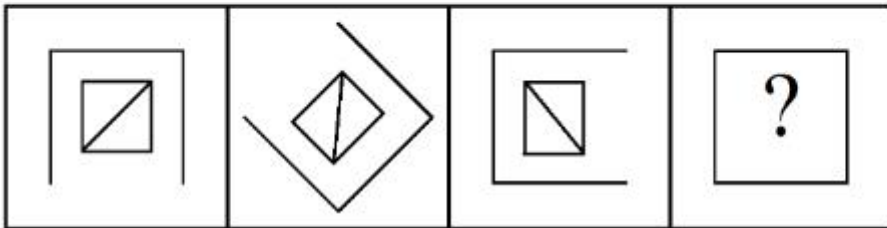
7155058560.

Question Number : 55 Question Id : 7155052705 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

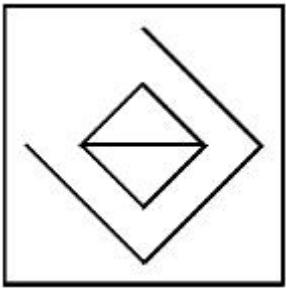
దత్త శ్రేణి లేదా నమూనాని కొనసాగించు చిత్రాన్ని ఎన్నుకోండి

ప్రశ్న చిత్రాలు

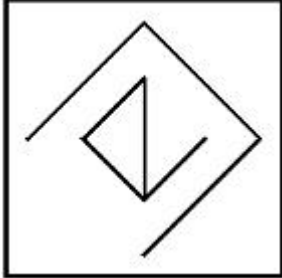


Options :

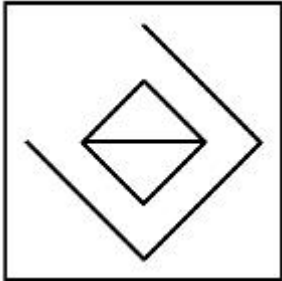
7155058557.



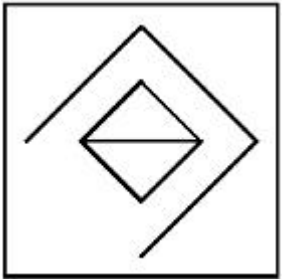
7155058558.



7155058559.



7155058560.



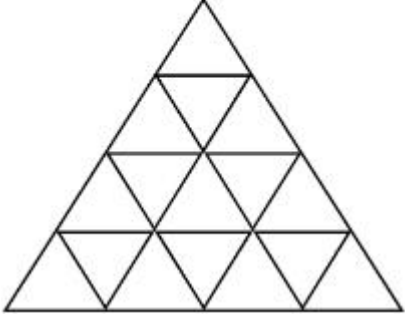
Question Number : 56 Question Id : 7155052706 Question Type : MCQ Option Shuffling : Yes Is

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 :

7155058561. 26

7155058562. 25

7155058563. 27

7155058564. 24

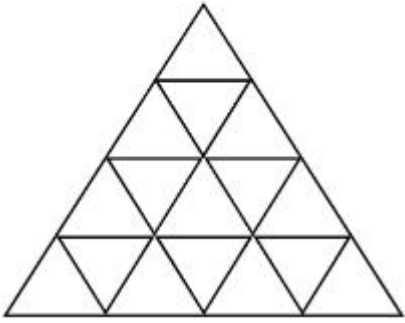
Question Number : 56 Question Id : 7155052706 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దత్త చిత్రంలో ఎన్ని త్రిభుజాలున్నాయి?



Options :

7155058561. 26

7155058562. 25

7155058563. 27

7155058564. 24

Question Number : 57 Question Id : 7155052707 Question Type : MCQ Option Shuffling : Yes 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 :

7155058565. 59

7155058566. 32

7155058567. 25

7155058568. 9

Question Number : 57 Question Id : 7155052707 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

వేరుగా ఉన్న దానిని గుర్తించండి:

7, 9, 25, 32, 43, 59

Options :

7155058565. 59

7155058566. 32

7155058567. 25

7155058568. 9

Question Number : 58 Question Id : 7155052708 Question Type : MCQ Option Shuffling : Yes 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 :

7155058569. 45.6 meter

7155058570. 50 meter

7155058571. 50.4 meter

7155058572. 51.6 meter

Question Number : 58 Question Id : 7155052708 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక నివాస భవనంలో 15 అంతస్తులున్నాయి. నేల అంతస్తు ఎత్తు 4.2 మీటర్లు (పొడవు మరియు స్లాబ్ మందాన్ని కలుపుకుని). మిగిలిన అన్ని అంతస్తులు 3.3 మీటర్లు ఎత్తు (స్లాబ్ మందాన్ని కలుపుకుని). ఆ భవన మొత్తం ఎత్తు ఎంత (నేల నుండి పై వరకు) మీటర్లలో?

Options :

7155058569. 45.6 మీటర్లు

7155058570. 50 మీటర్లు

7155058571. 50.4 మీటర్లు

7155058572. 51.6 మీటర్లు

Question Number : 59 Question Id : 7155052709 Question Type : MCQ Option Shuffling : Yes 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 :

7155058573. 22ECCU2

7155058574. 22ECCU2

7155058575. SUCCESS

7155058576. SSECCUS

Question Number : 59 Question Id : 7155052709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దత్త పదం యొక్క దర్పణ ప్రతిబింబం గుర్తించండి

SUCCESS

Options :

7155058573. SUCCEER

7155058574. SSECUN

7155058575. SUCCESS

7155058576. SSECCUS

Question Number : 60 Question Id : 7155052710 Question Type : MCQ Option Shuffling : Yes 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 :

7155058577. 0.7 km

7155058578. 7000 mm

7155058579. 7 km

7155058580. 70 meter

Question Number : 60 Question Id : 7155052710 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

పథం యొక్క స్కేల్ 1:1000. ఒక కారు పథంపై 'A' బిందువు నుండి 'B' బిందువుకి 7 సెం.మీ. ప్రయాణిస్తే, వాస్తవంగా ఆ కారు ఎంత దూరం ప్రయాణించింది?

Options :

7155058577. 0.7 km

7155058578. 7000 mm

7155058579. 7 km

7155058580. 70 meter

Question Number : 61 Question Id : 7155052711 Question Type : MCQ Option Shuffling : Yes 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 :

7155058581. 8 meter \times 4 meter

7155058582. 80 meter \times 40 meter

7155058583. 8 centimeter \times 4 centimeter

7155058584. 4 meter \times 2 meter

Question Number : 61 Question Id : 7155052711 Question Type : MCQ Option Shuffling : Yes 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 మీటర్లు \times 40 మీటర్లు పరిమాణ స్థలంలో ఇంటి నమూనాని 1:100 స్కేల్లో ఒక పేపర్ పై గీయాలి, అయితే ఆ స్థల పరిమాణం పేపర్ పై ఎంత?

Options :

7155058581. 8 మీటర్లు \times 4 మీటర్లు

7155058582. 80 మీటర్లు \times 40 మీటర్లు

7155058583. 8 సెంటిమీటర్లు \times 4 సెంటిమీటర్లు

7155058584. 4 మీటర్లు \times 2 మీటర్లు

Question Number : 62 Question Id : 7155052712 Question Type : MCQ Option Shuffling : Yes 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 :

7155058585. 523

7155058586. 521

7155058587. 524

7155058588. 520

Question Number : 62 Question Id : 7155052712 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దత్త శ్రేణిలో తప్పినా సంఖ్యను కనుక్కోండి.

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

Options :

7155058585. 523

7155058586. 521

7155058587. 524

7155058588. 520

Question Number : 63 Question Id : 7155052713 Question Type : MCQ Option Shuffling : Yes 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 :

7155058589. KVCMA

7155058590. KWCNB

7155058591. KUCLA

7155058592. KVCNA

Question Number : 63 Question Id : 7155052713 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక కోడ్ భాషలో ROMAN ని TQOCP: గా రాస్తే, ITALY అనేది

Options :

7155058589. KVCMA

7155058590. KWCNB

7155058591. KUCLA

7155058592. KVCNA

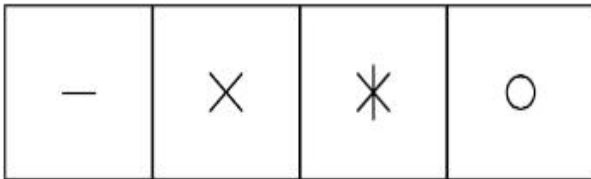
Question Number : 64 Question Id : 7155052714 Question Type : MCQ Option Shuffling : Yes Is

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

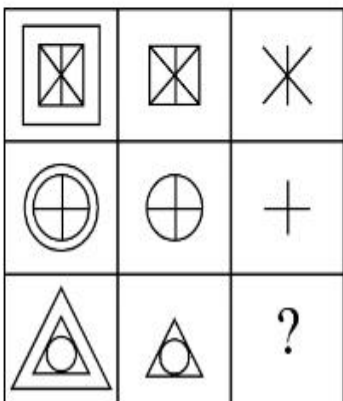
Instruction Time : 0

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 :

7155058593. D

7155058594. C

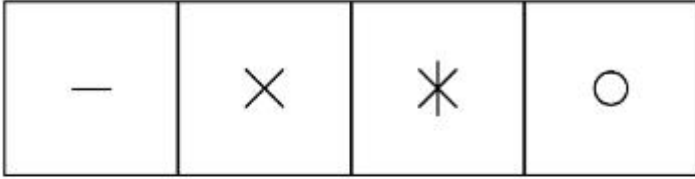
7155058595. B

7155058596. A

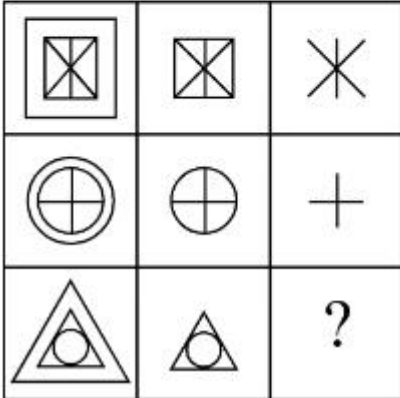
Question Number : 64 Question Id : 7155052714 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

నాలుగు ప్రత్యామ్నాయాలలో ఖాళీ స్థానంలో వచ్చు చిత్రం ఏది?



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



Options :

7155058593. D

7155058594. C

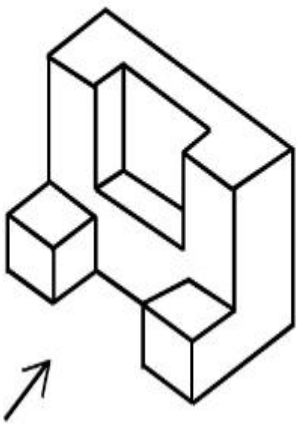
7155058595. B

7155058596. A

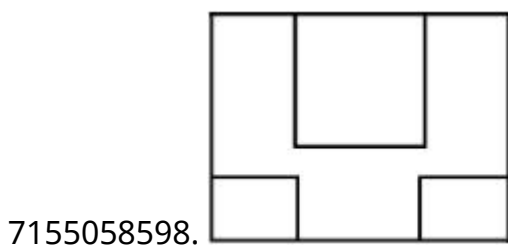
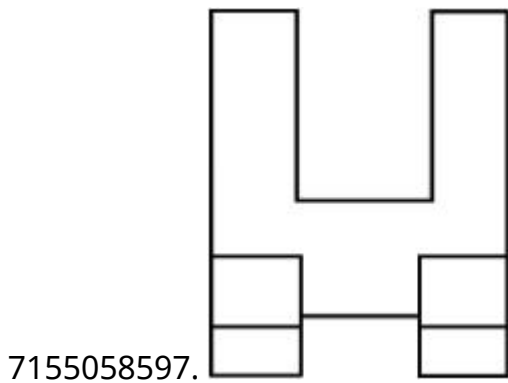
Question Number : 65 Question Id : 7155052715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

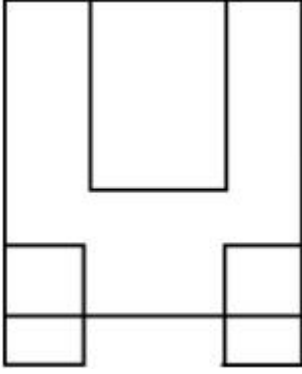
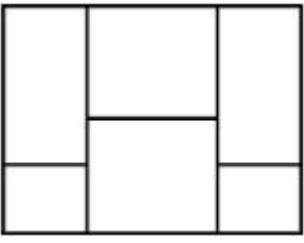
The 3D figure shows the view of an object. Looking in the direction of arrow, identify the most appropriate elevation from the given answer figures.



Options :



7155058599.

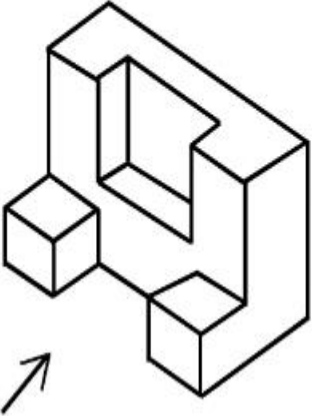


7155058600.

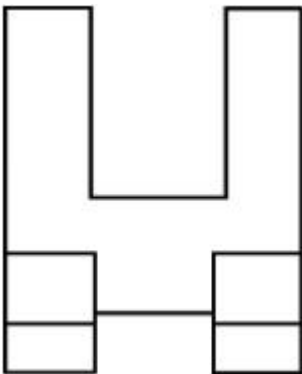
Question Number : 65 Question Id : 7155052715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దత్త 3-డి బొమ్మని బాణం గుర్తు దిశలో చూసినపుడు కనపడు సముచిత దృశ్యోన్నతిని గుర్తించండి.

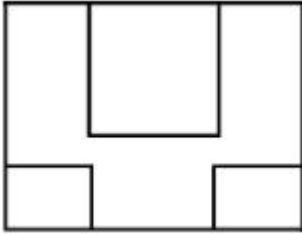


Options :

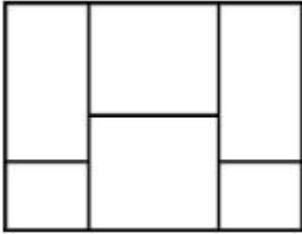


7155058597.

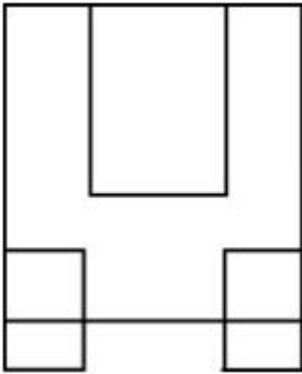
7155058598.



7155058599.



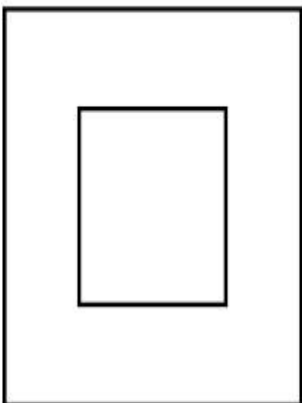
7155058600.



Question Number : 66 Question Id : 7155052716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

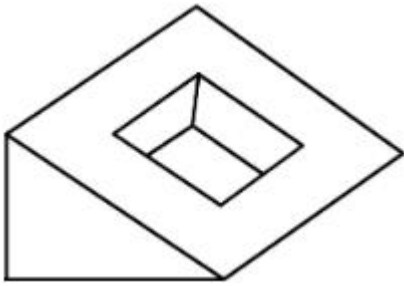
Correct Marks : 4 Wrong Marks : 1

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

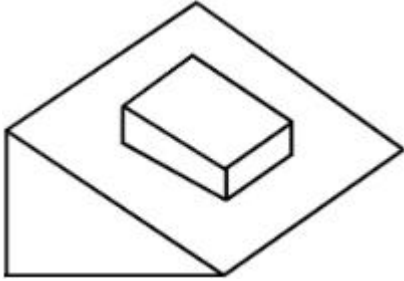


Options :

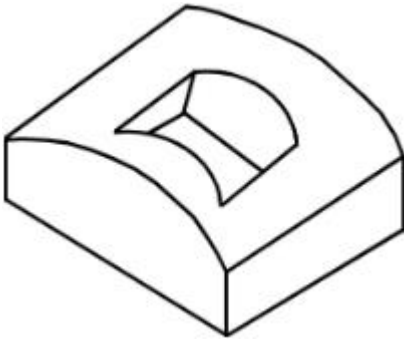
7155058601.



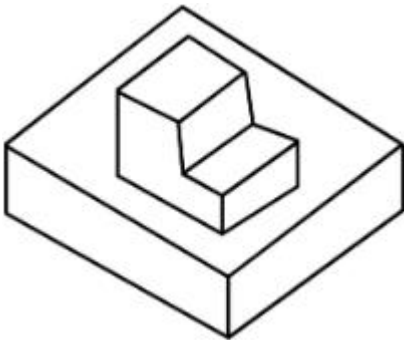
7155058602.



7155058603.



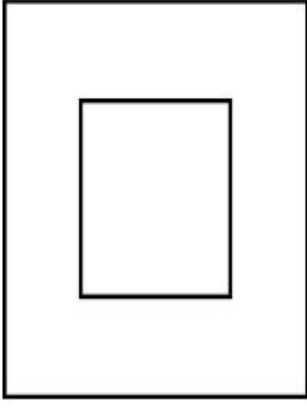
7155058604.



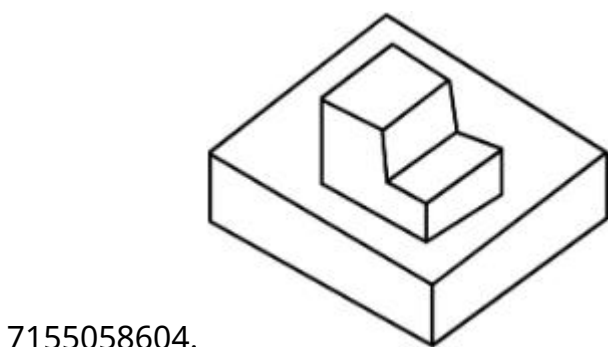
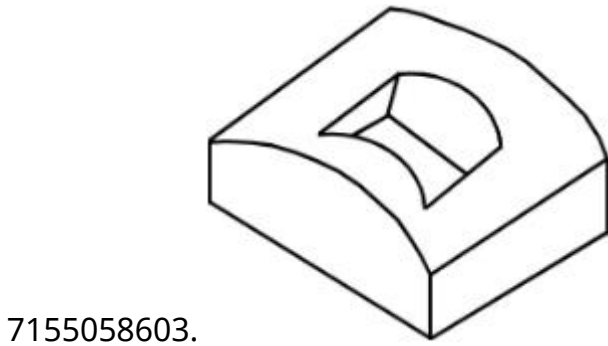
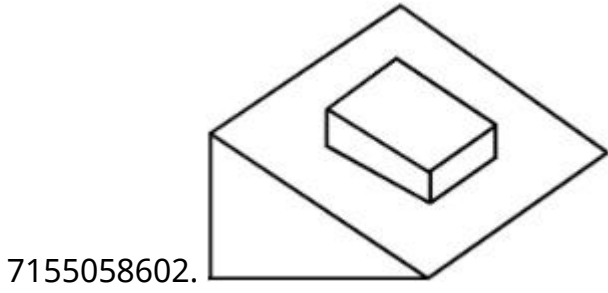
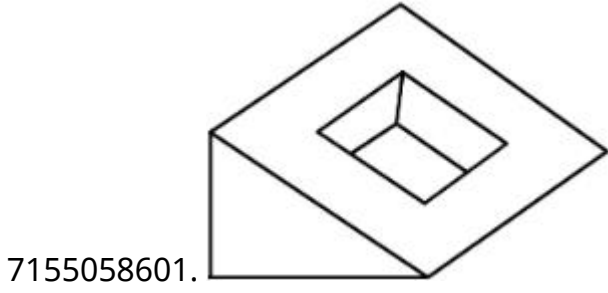
Question Number : 66 Question Id : 7155052716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దత్త చిత్రం ఒక వస్తువు అగ్ర వీక్షణం/నమూనా. జవాబు చిత్రాలలో సరైనది కాని దాని 3-డి వీక్షణాన్ని గుర్తించండి.



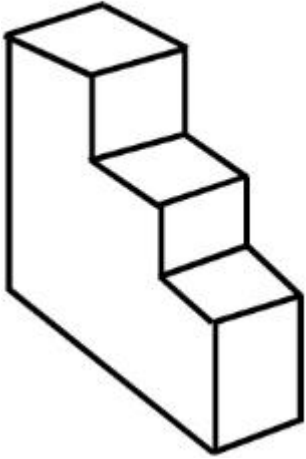
Options :



Question Number : 67 Question Id : 7155052717 Question Type : MCQ Option Shuffling : Yes 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 :

7155058605. 9

7155058606. 10

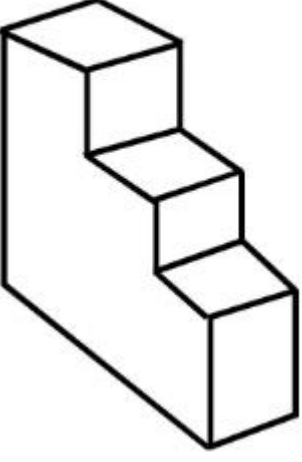
7155058607. 8

7155058608. 11

Question Number : 67 Question Id : 7155052717 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

వస్తుఉ ఎన్ని ఉపరితలాలు కలిగుంది?



Options :

7155058605. 9

7155058606. 10

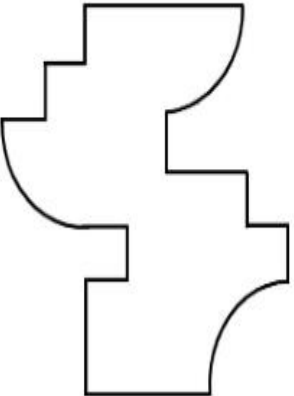
7155058607. 8

7155058608. 11

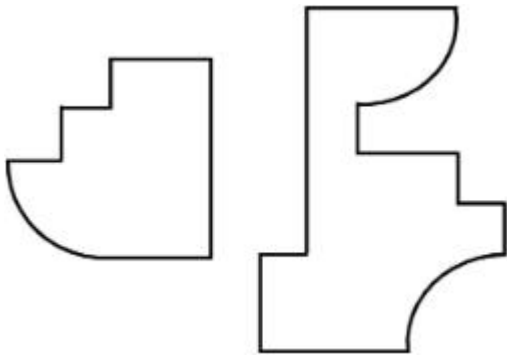
Question Number : 68 Question Id : 7155052718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

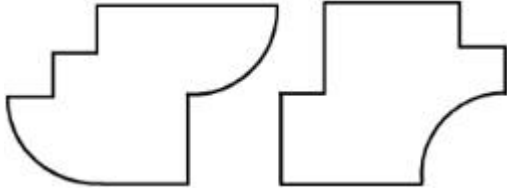
If the question figure is cut into two parts, which of the answer figures complete the question figure without any overlappings?



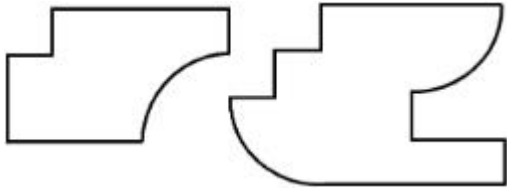
Options :



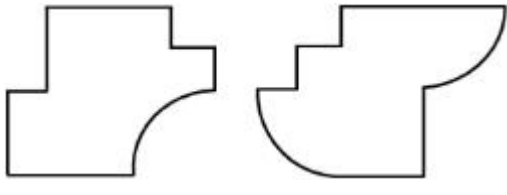
7155058609.



7155058610.



7155058611.

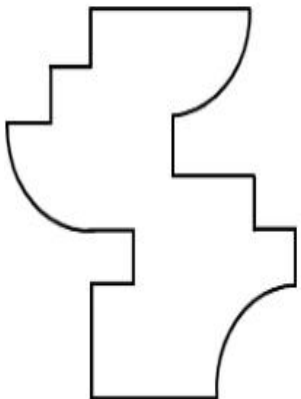


7155058612.

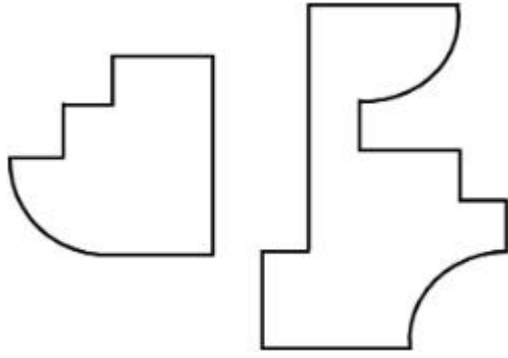
Question Number : 68 Question Id : 7155052718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

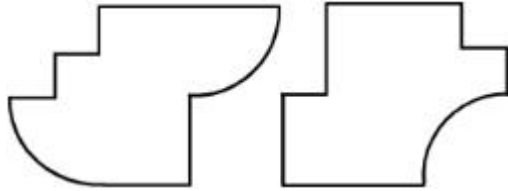
దత్త చిత్రం రెండుగా కత్తరించిన, జవాబు చిత్రాలలో ఏ చిత్రాలు పూర్తిగా సరిగ్గా దత్త చిత్రంలా అమరుతాయి?



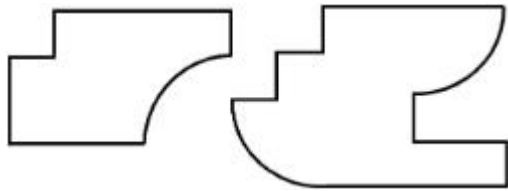
Options :



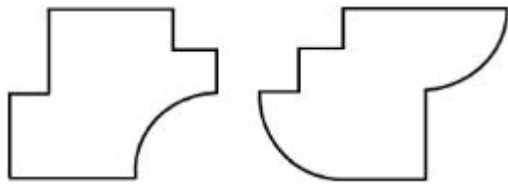
7155058609.



7155058610.



7155058611.

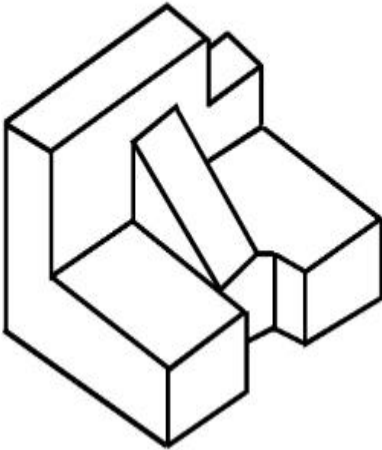


7155058612.

Question Number : 69 Question Id : 7155052719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

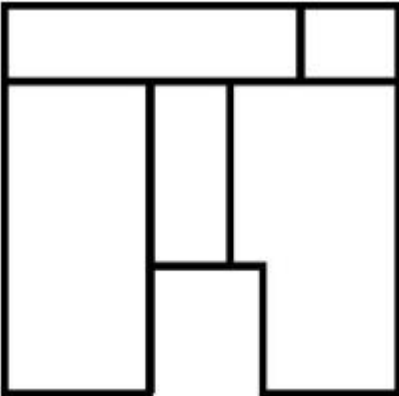
Correct Marks : 4 Wrong Marks : 1

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

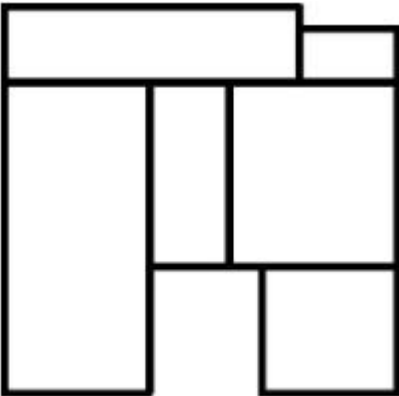


Options :

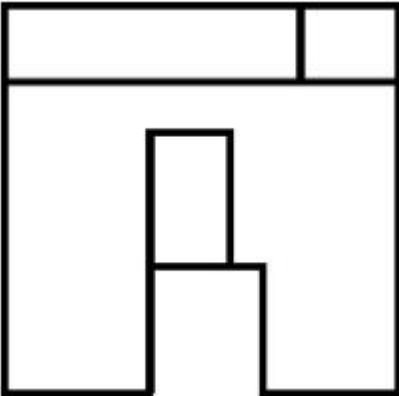
7155058613.



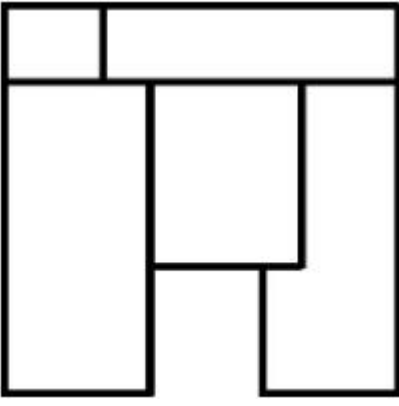
7155058614.



7155058615.



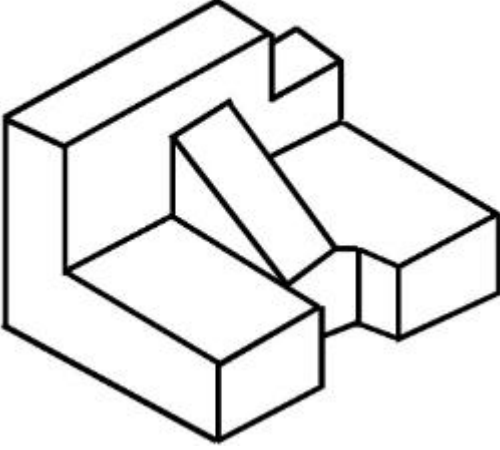
7155058616.



Question Number : 69 Question Id : 7155052719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

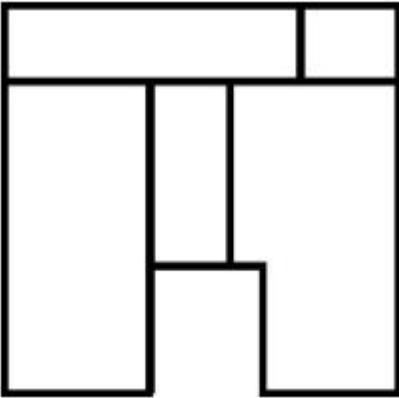
Correct Marks : 4 Wrong Marks : 1

దత్త 3-డి వీక్షణానికి సరైన అగ్ర వీక్షణాన్ని గుర్తించండి

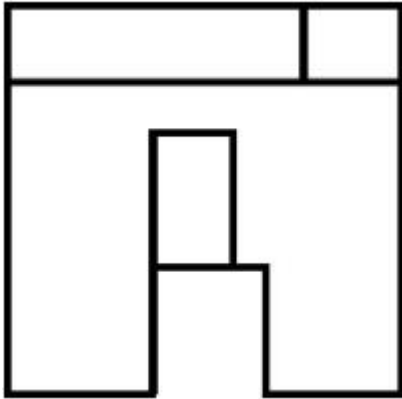
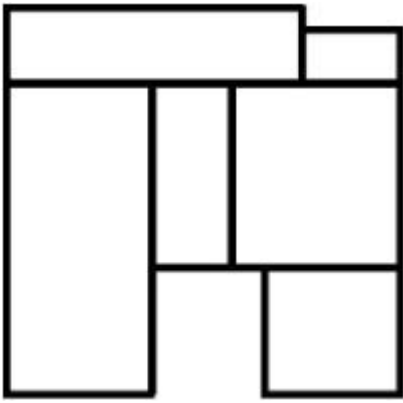


Options :

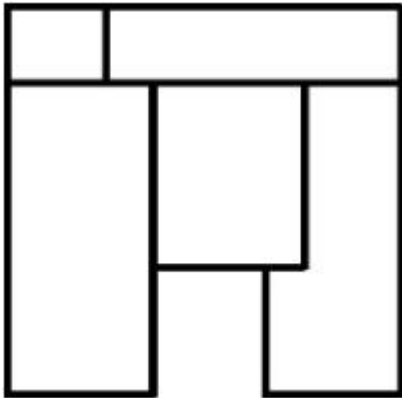
7155058613.



7155058614.



7155058615.

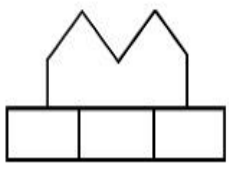
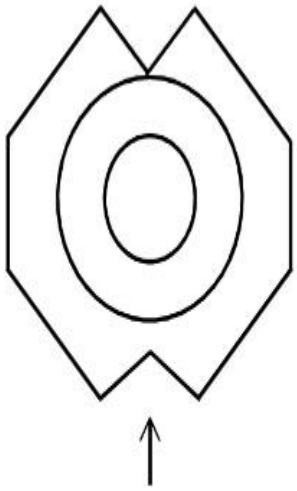


7155058616.

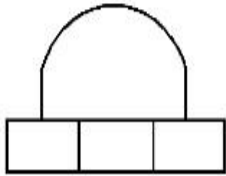
Question Number : 70 Question Id : 7155052720 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

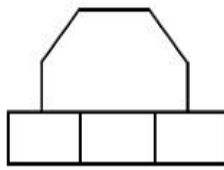
Identify the correct elevation when you look into the object from the marked arrow side of the plan of the object.



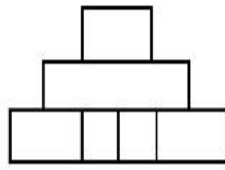
A



B



C



D

Options :

7155058617. D

7155058618. A

7155058619. B

7155058620. C

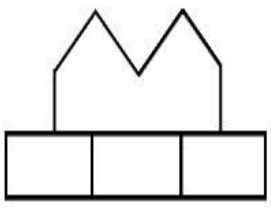
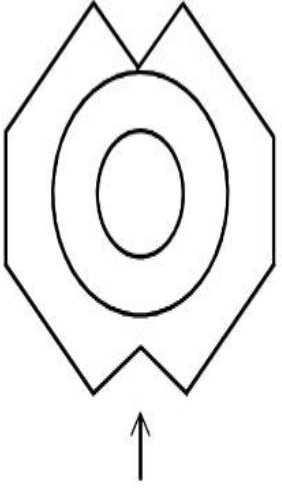
Question Number : 70 Question Id : 7155052720 Question Type : MCQ Option Shuffling : Yes Is

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

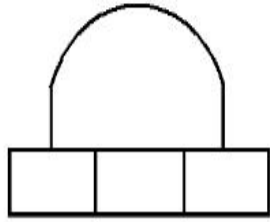
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

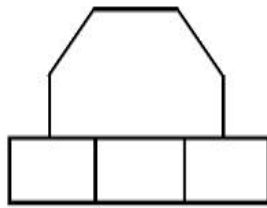
వస్తువు నమూనాని బాణం గుర్తు దిశలో చూసినప్పుడు కనపడు సరైన దృశ్యోన్నతిని గుర్తించండి.



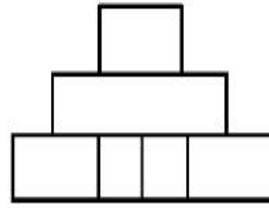
A



B



C



D

Options :

7155058617. D

7155058618. A

7155058619. B

7155058620. C

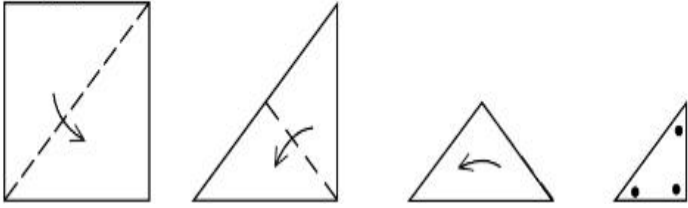
Question Number : 71 Question Id : 7155052721 Question Type : MCQ Option Shuffling : Yes Is

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

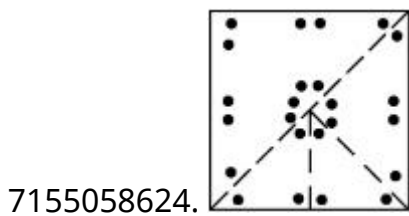
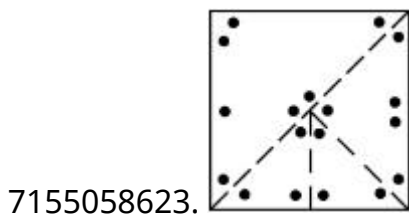
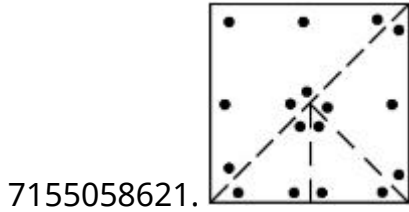
Instruction Time : 0

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.



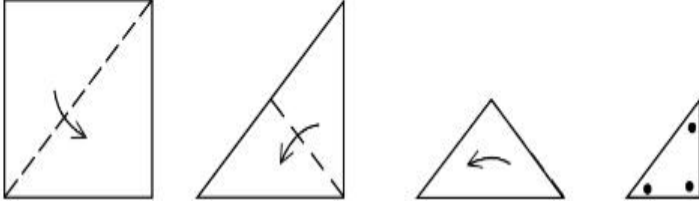
Options :



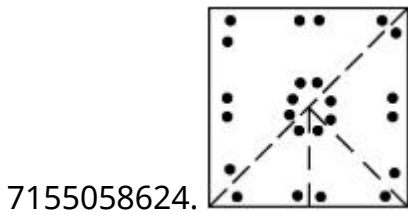
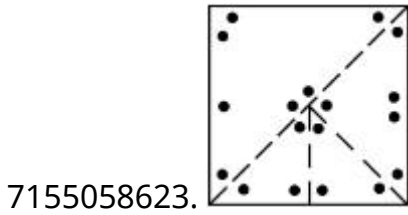
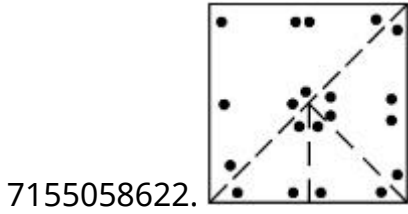
Question Number : 71 Question Id : 7155052721 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక కాగితాన్ని చూపించిన విధంగా మడత పెట్టి చివరిలో కత్తరించారు. ఆ కాగితాన్ని మడత తీసిన తర్వాత ఏర్పడు నమూనాని గుర్తించండి :



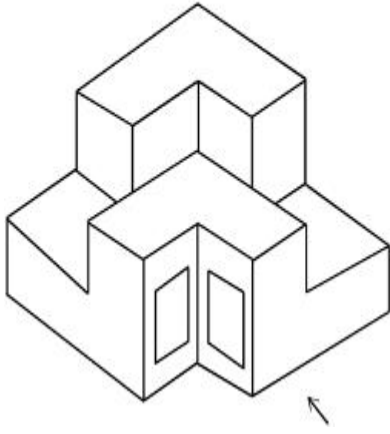
Options :



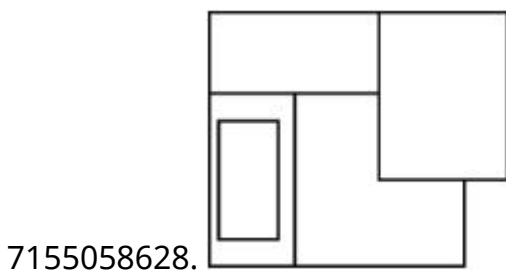
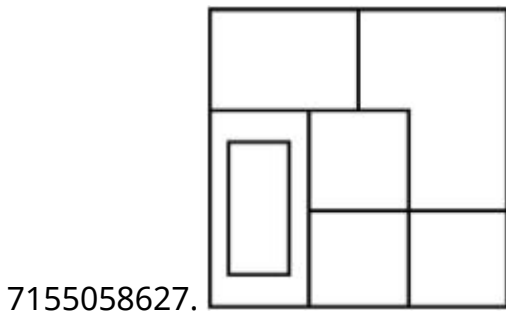
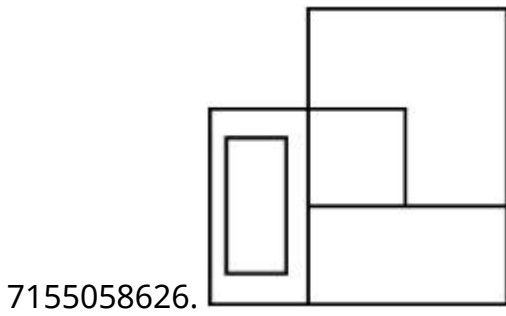
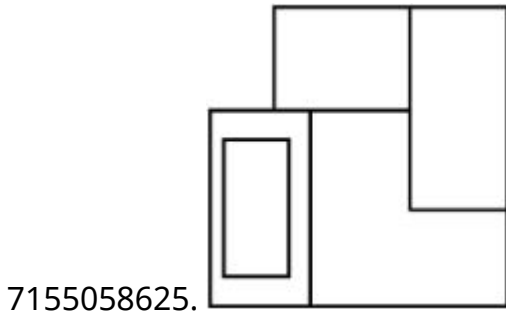
Question Number : 72 Question Id : 7155052722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.



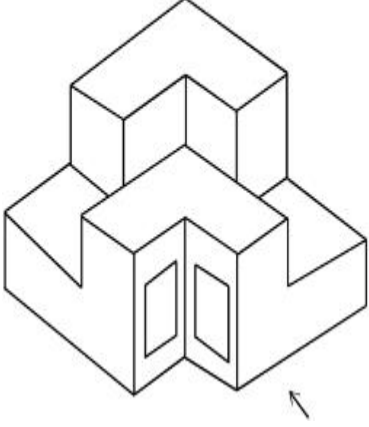
Options :



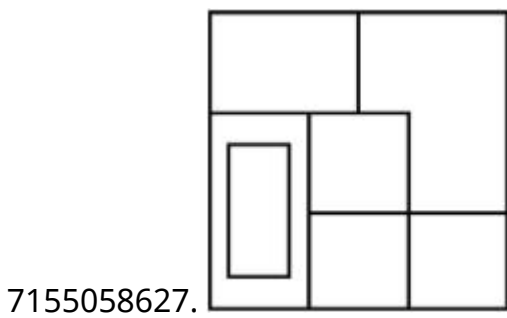
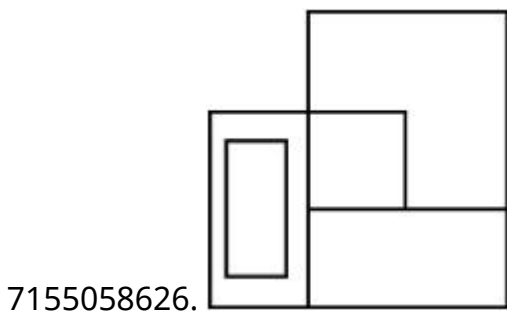
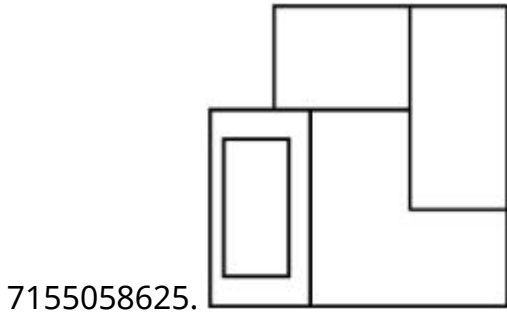
Question Number : 72 Question Id : 7155052722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

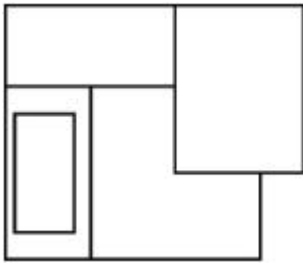
దత్త 3-డి వీక్షణాన్ని బాణం గుర్తు దిశలో చూసినప్పుడు కనపడు సరైన వీక్షణాన్ని గుర్తించండి.



Options :



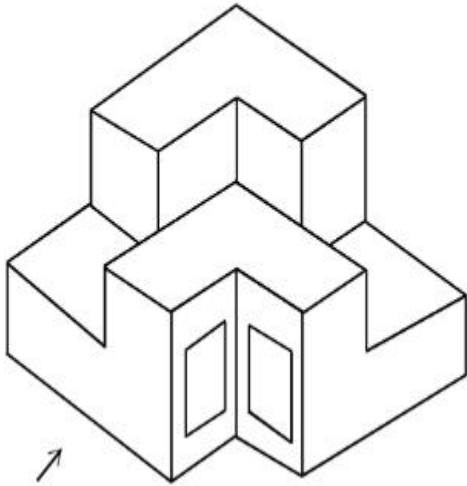
7155058628.



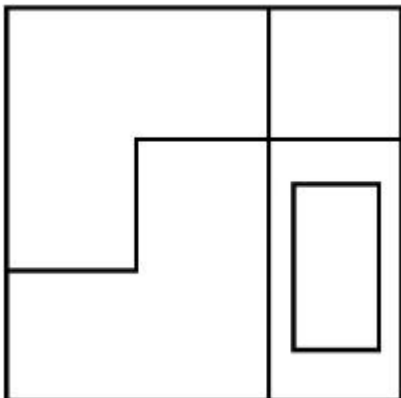
Question Number : 73 Question Id : 7155052723 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

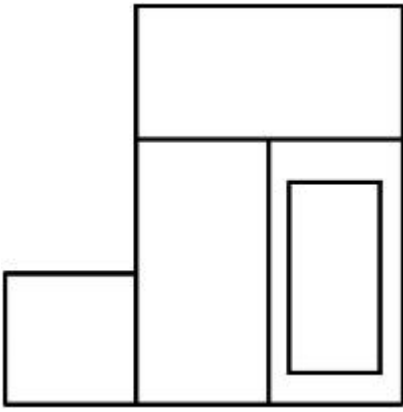


Options :

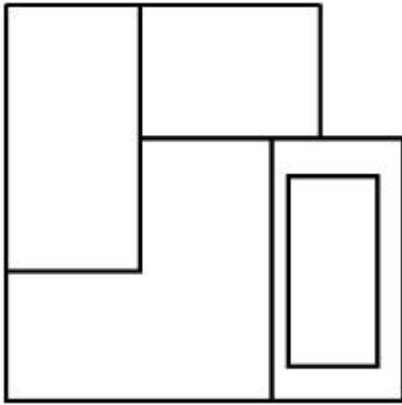


7155058629.

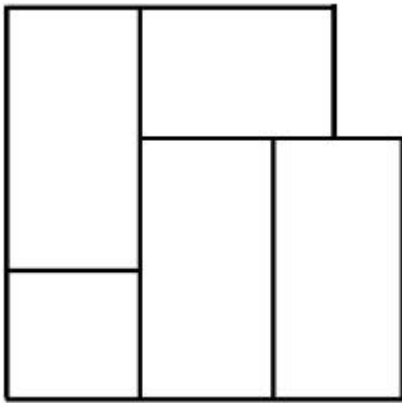
7155058630.



7155058631.



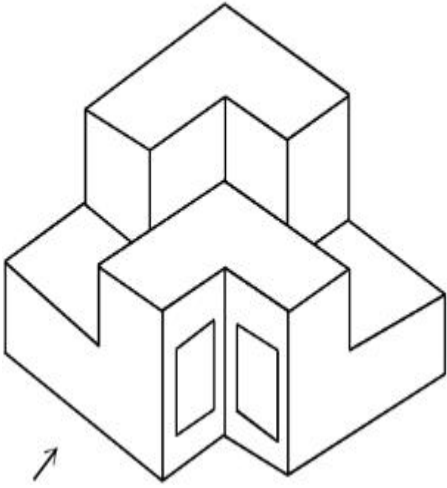
7155058632.



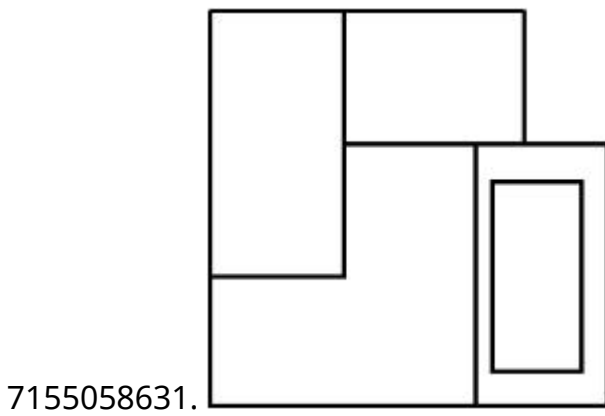
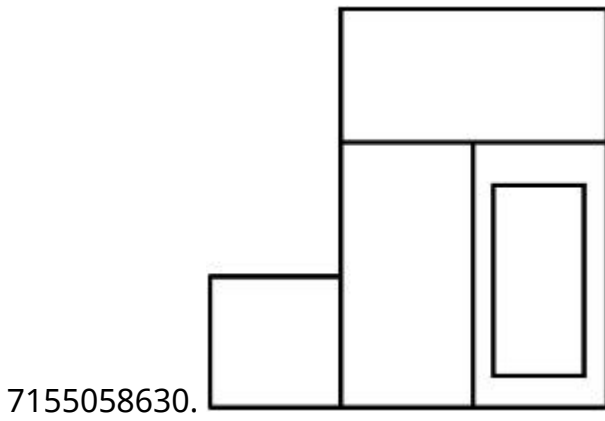
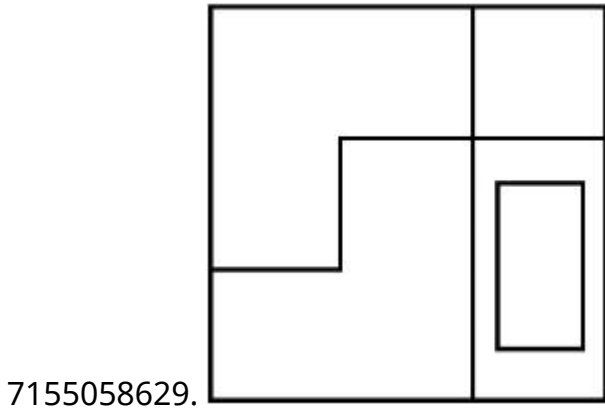
**Question Number : 73 Question Id : 7155052723 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

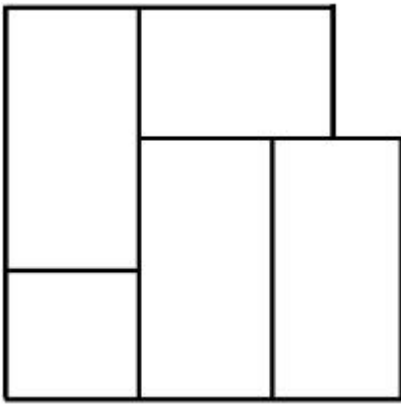
దత్త 3-డి వీక్షణాన్ని బాణం గుర్తు దిశలో చూసినపుడు కనపడు సరైన వీక్షణాన్ని గుర్తించండి.



Options :



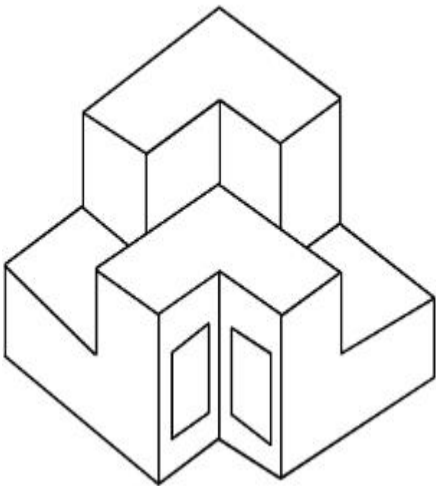
7155058632.



Question Number : 74 Question Id : 7155052724 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

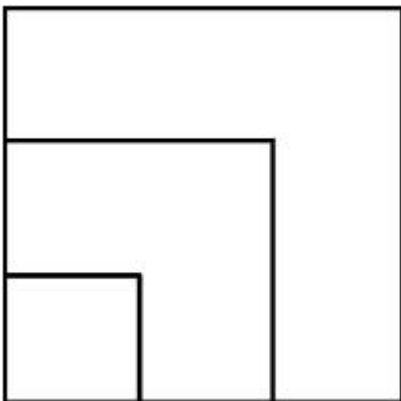
Correct Marks : 4 Wrong Marks : 1

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

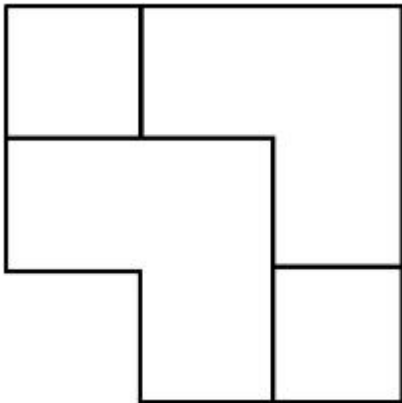
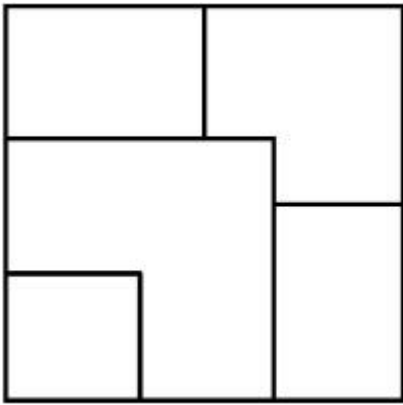


Options :

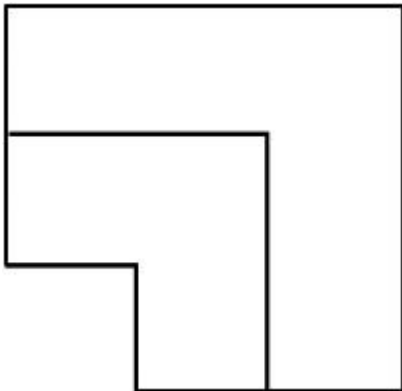
7155058633.



7155058634.



7155058635.



7155058636.

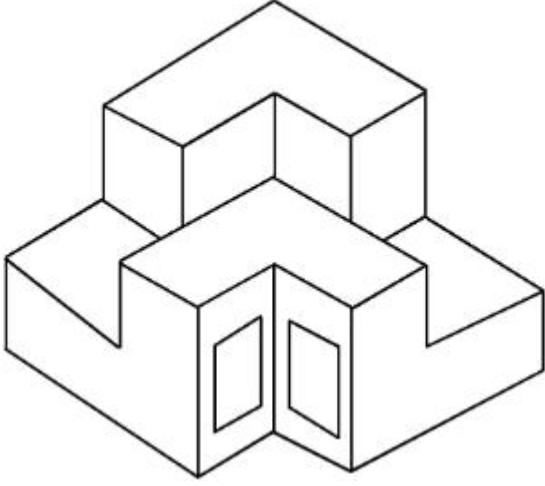
Question Number : 74 Question Id : 7155052724 Question Type : MCQ Option Shuffling : Yes Is

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

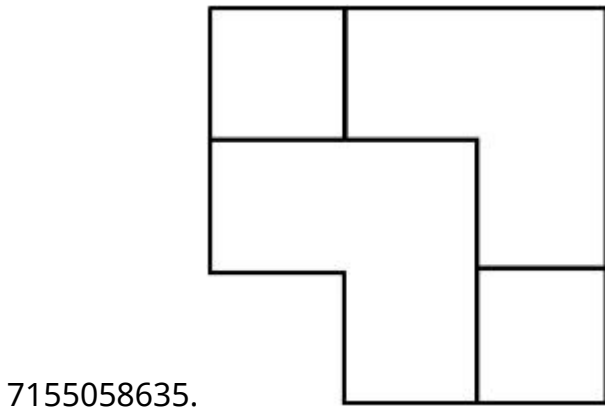
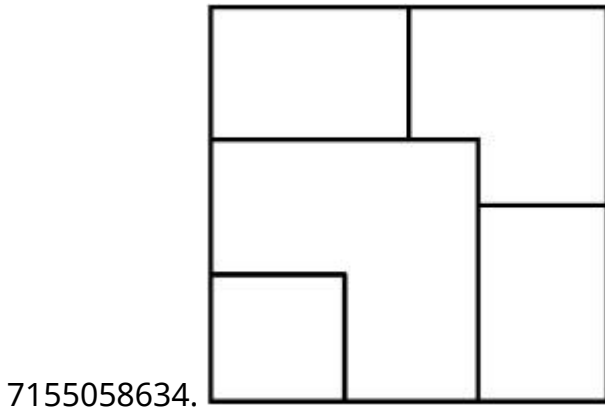
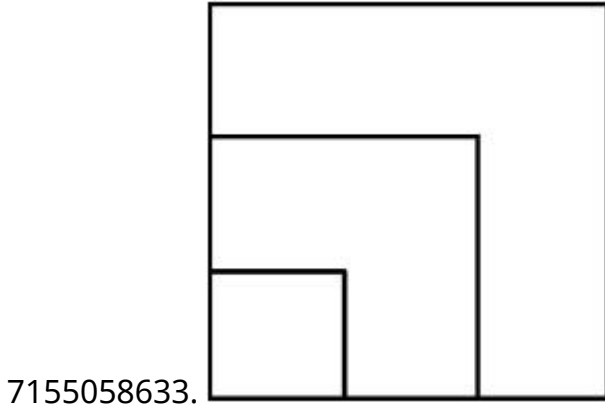
Instruction Time : 0

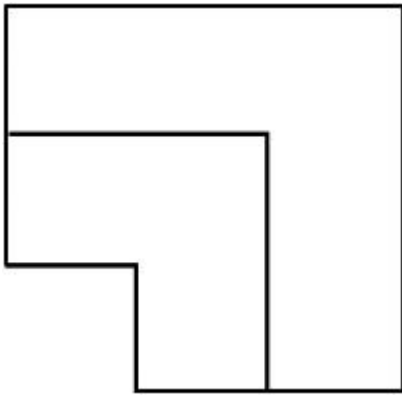
Correct Marks : 4 Wrong Marks : 1

దత్త 3-డి వస్తువుని పై నుండి చూసినపుడు కనపడు నమూనాని గుర్తించండి.



Options :



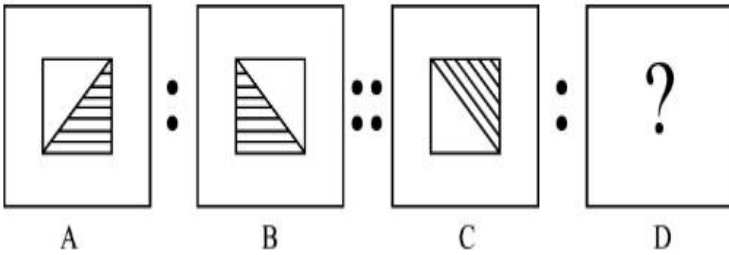


7155058636.

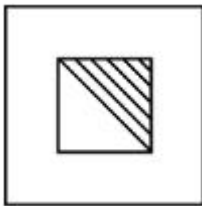
Question Number : 75 Question Id : 7155052725 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

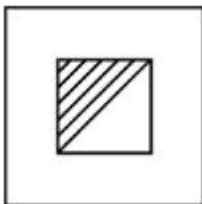
The second figure in the first part of the problem figures bears certain relationship to the first figure. Similarly, one of the figures of answer figures bears the same relationship to the first figure of the second part. Identify the correct option from the given answer figures.



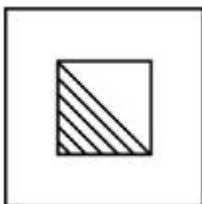
Options :



7155058637.



7155058638.



7155058639.

7155058640.



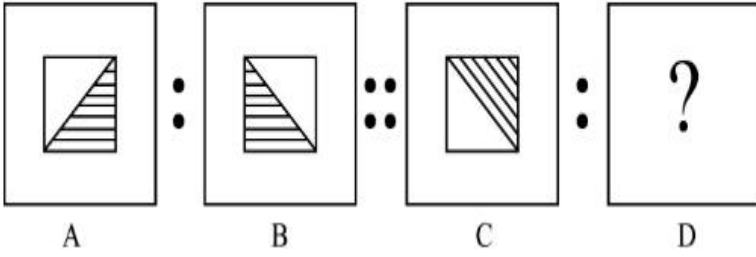
Question Number : 75 Question Id : 7155052725 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

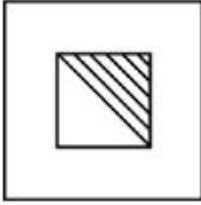
Correct Marks : 4 Wrong Marks : 1

మొదటి భాగంలోని చిత్రాలు ఒక సంబంధాన్ని కలిగి ఉన్నాయి. రెండవ భాగంలోని మొదటి చిత్రంలో సారూప్య సంబంధం ఏర్పరచు చిత్రాన్ని గుర్తించండి.

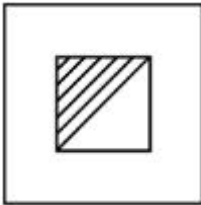


Options :

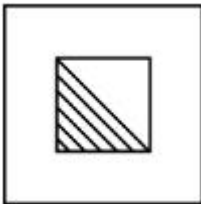
7155058637.



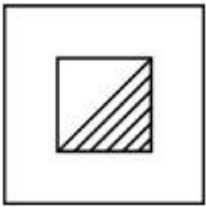
7155058638.



7155058639.



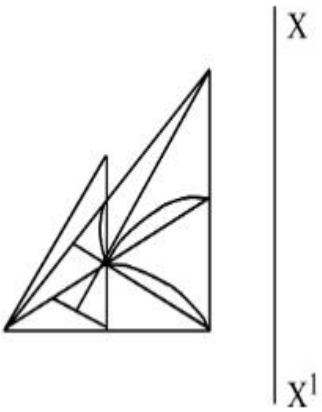
7155058640.



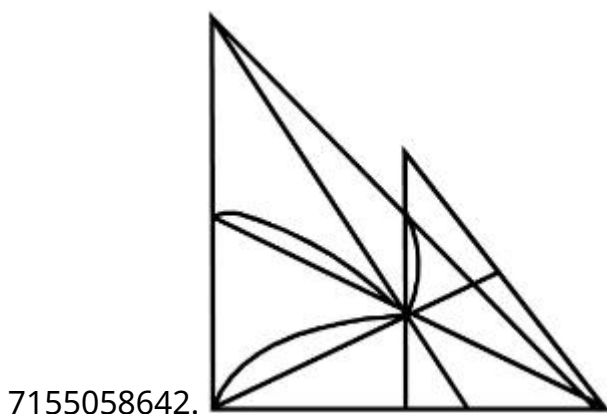
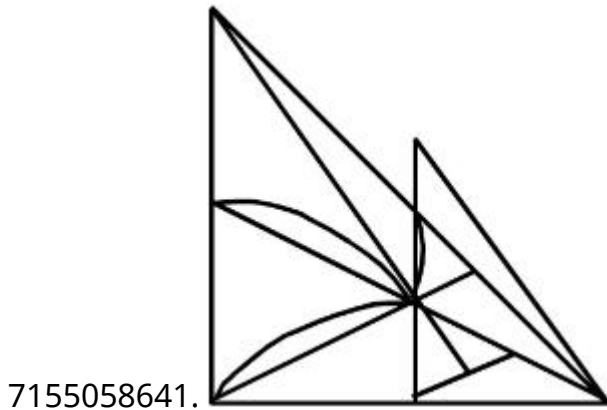
Question Number : 76 Question Id : 7155052726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

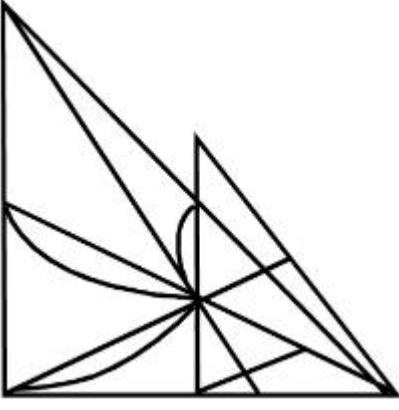
Identify the true mirror image of the figure amongst the answer figures with respect to X-X



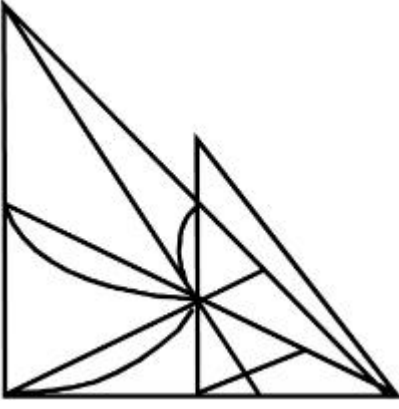
Options :



7155058643.



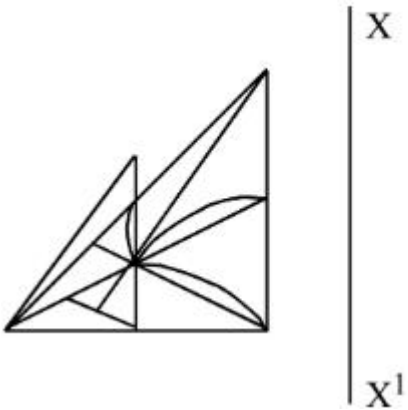
7155058644.



Question Number : 76 Question Id : 7155052726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

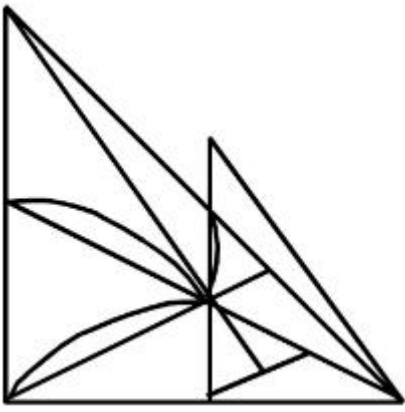
Correct Marks : 4 Wrong Marks : 1

X-X దృష్ట్యా చిత్రం యొక్క దర్పణ ప్రతిబింబాన్ని గుర్తించండి.

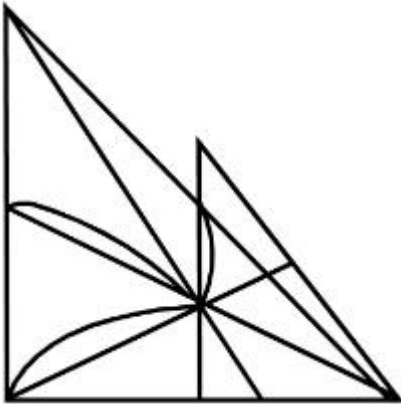


Options :

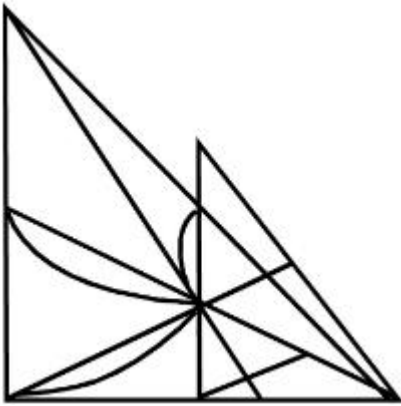
7155058641.



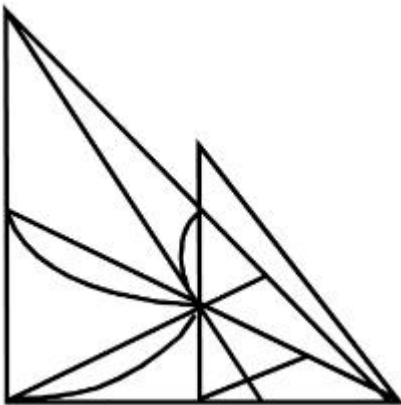
7155058642.



7155058643.



7155058644.

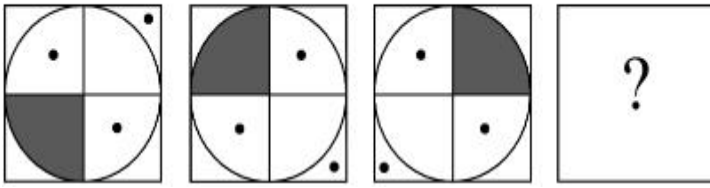


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

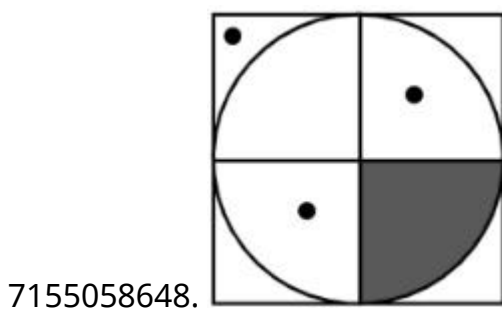
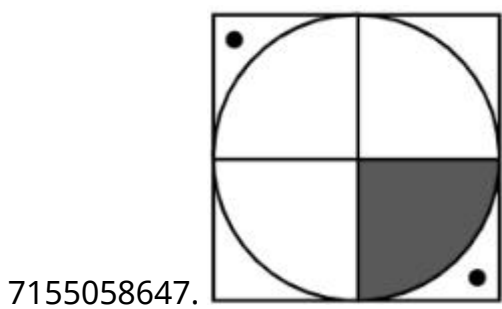
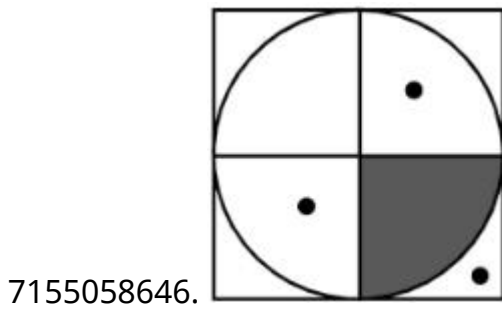
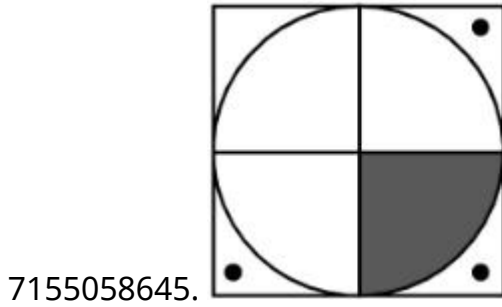
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



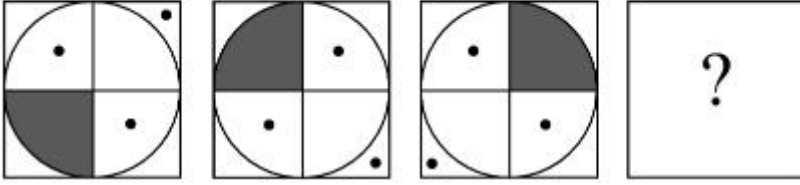
Options :



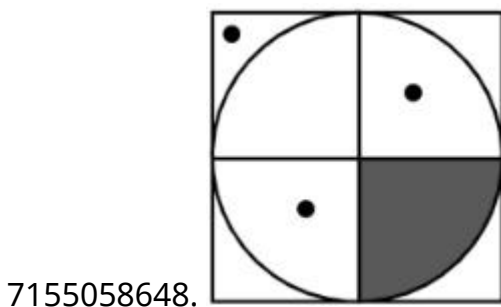
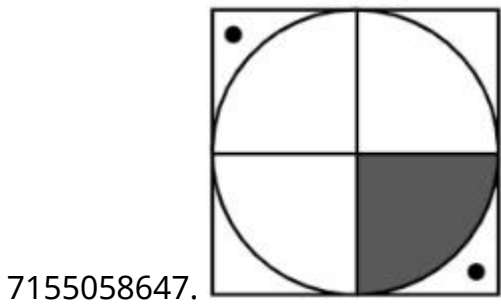
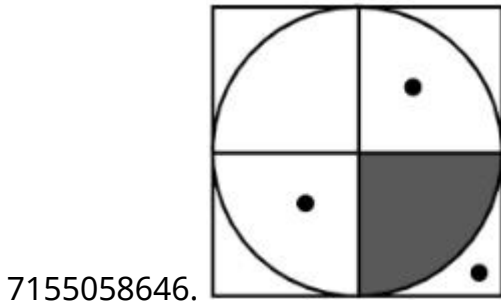
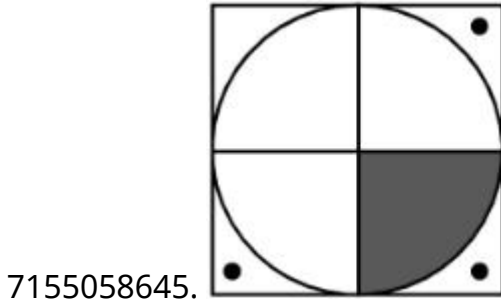
Question Number : 77 Question Id : 7155052727 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

శ్రేణిని పూరించు సరైన జవాబు ఎన్నుకోండి



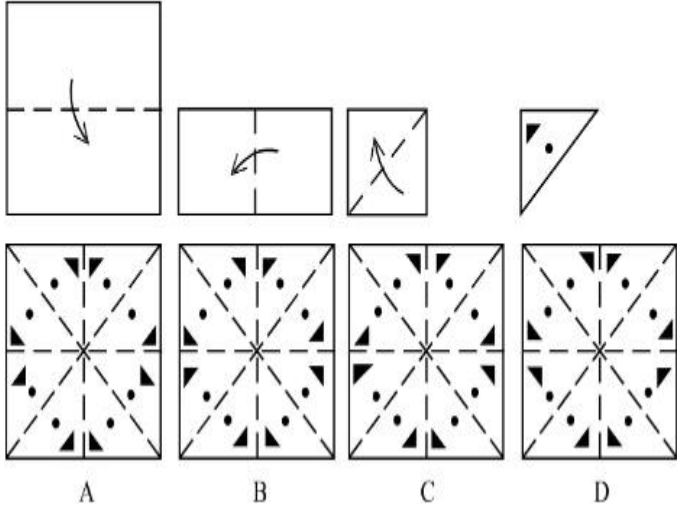
Options :



Question Number : 78 Question Id : 7155052728 Question Type : MCQ Option Shuffling : Yes 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 :

7155058649. B

7155058650. A

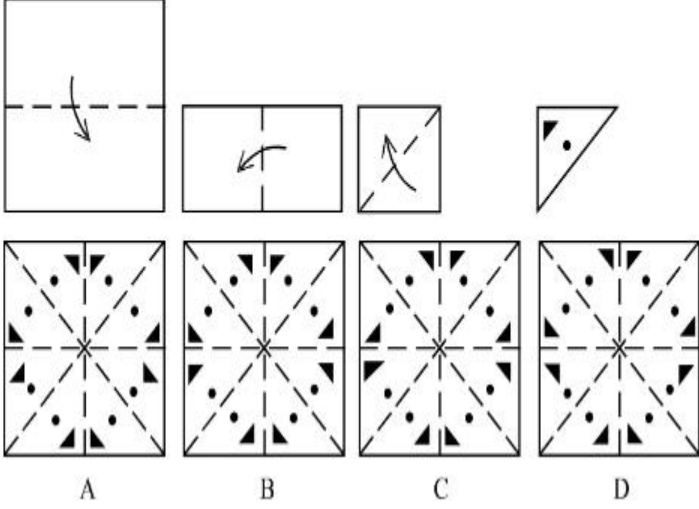
7155058651. D

7155058652. C

Question Number : 78 Question Id : 7155052728 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక కాగితాన్ని చూపించిన విధంగా మడత పెట్టి చివరిలో కత్తరించారు. ఆ కాగితాన్ని మడత తీసిన తర్వాత ఏర్పడు నమూనాని గుర్తించండి :



Options :

7155058649. B

7155058650. A

7155058651. D

7155058652. C

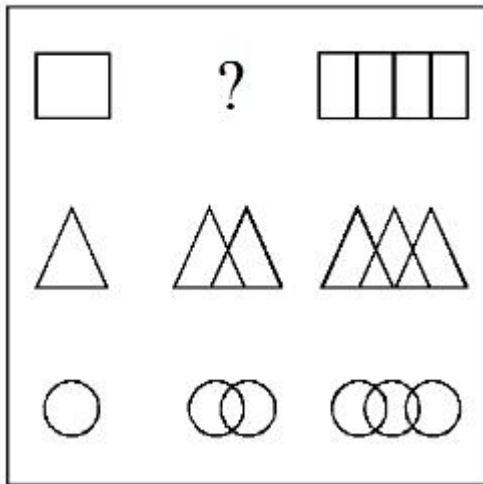
Question Number : 79 Question Id : 7155052729 Question Type : MCQ Option Shuffling : Yes Is

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

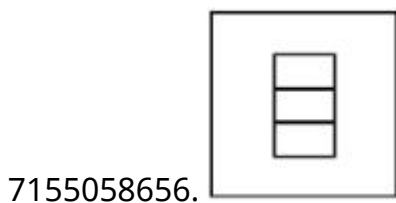
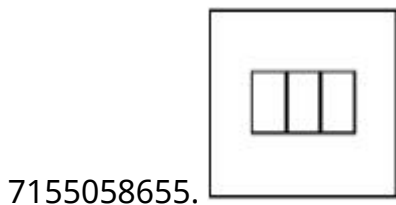
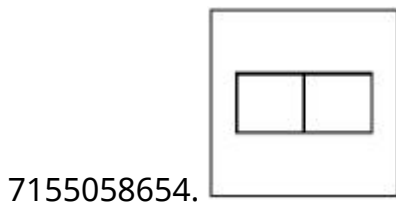
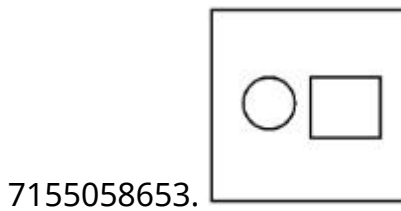
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the figure mentioned below find the missing series:-



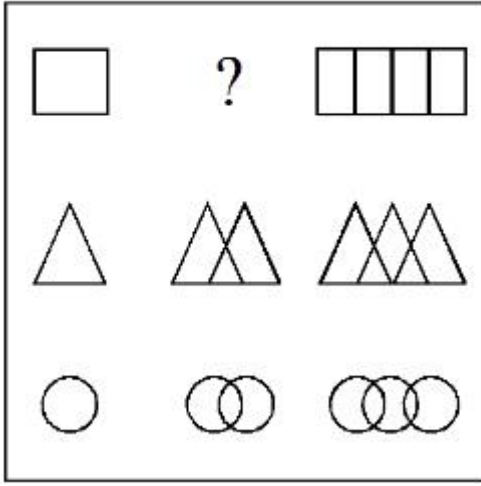
Options :



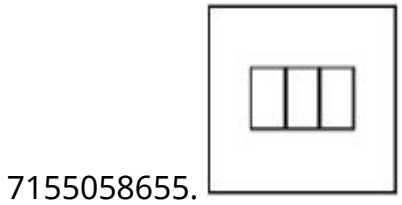
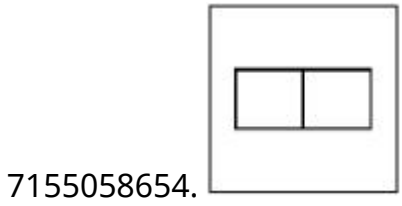
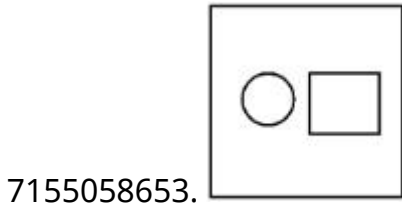
Question Number : 79 Question Id : 7155052729 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కింది చిత్రంలో తప్పినా శ్రేణిని గుర్తించండి.

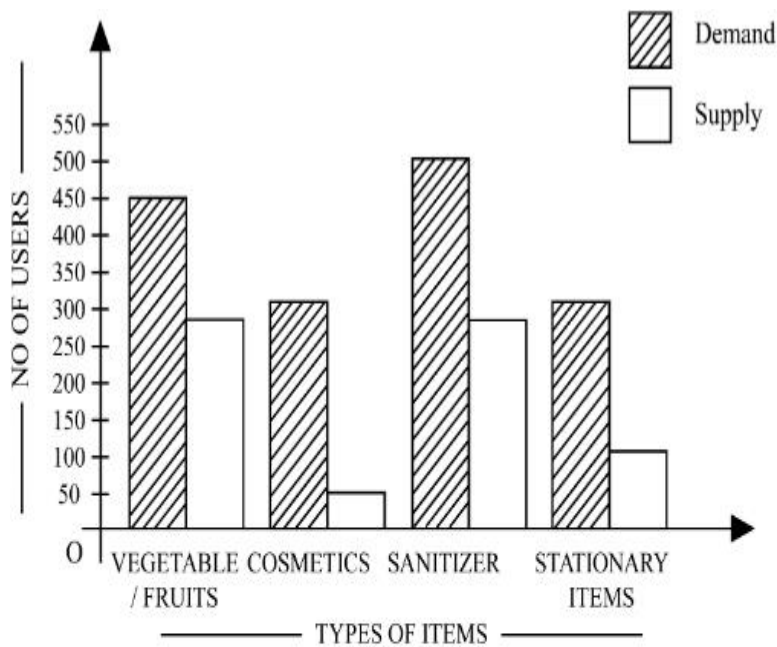


Options :



Question Number : 80 Question Id : 7155052730 Question Type : MCQ Option Shuffling : Yes 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 :

7155058657. B and D only

7155058658. A and B only

7155058659. A and C only

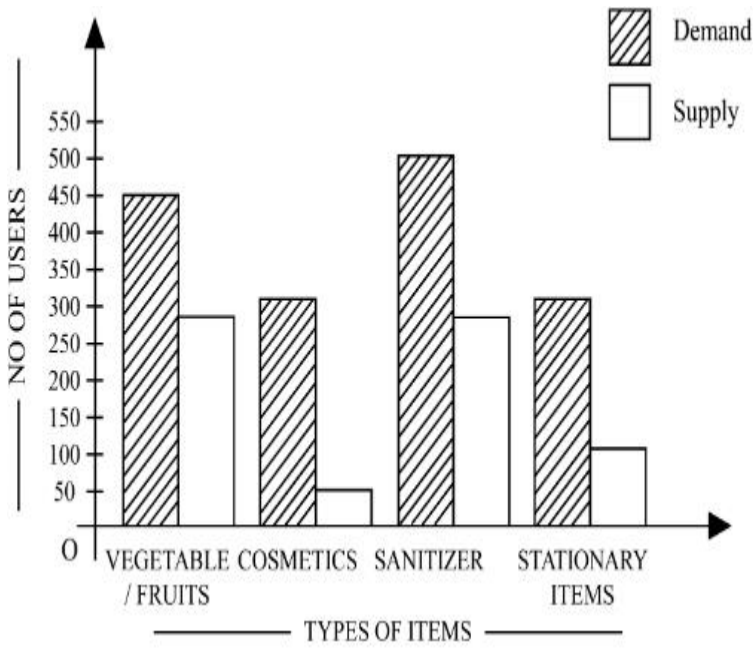
7155058660. B, C and D only

Question Number : 80 Question Id : 7155052730 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



చిత్రం వివిధ వినియోగదారుల వివిధ వస్తువుల అవసరం మరియు సరఫరాని సూచిస్తుంది. కింది వాటిలో ఏది/ఏవి నిజం?

- A. సానిటైజర్ 50% అవసరాన్ని మాత్రమే చేరుకుంది
- B. కాస్మెటిక్స్ అన్నింటిలో తక్కువ సరఫరా కలిగుంది.
- C. అన్నింటిలో, రెండు వస్తువులు సమాన అవసరాన్ని కలిగి ఉన్న విభిన్న సరఫరా కలిగున్నాయి.
- D. అన్నింటిలో, రెండు వస్తువులు సమాన సరఫార్ కలిగి ఉన్నాయి మరియు సమాన అవసరాన్ని కలిగున్నాయి.

సరైన జవాబు ఎన్నుకోండి.

Options :

7155058657. B మరియు D మాత్రమే

7155058658. A మరియు B మాత్రమే

7155058659. A మరియు C మాత్రమే

7155058660. B, C మరియు D మాత్రమే

Section Id :	715505166
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 :	715505166
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 81 Question Id : 7155052731 Question Type : MCQ Option Shuffling : Yes 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 :

7155058661. Poverty

7155058662. Abundance

7155058663. Adequacy

7155058664. Luxury

Question Number : 81 Question Id : 7155052731 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ఒక సమయంలో మరియు స్థలంలో, ఒక మనిషి కనీస జీవన స్థాయి ప్రమాణాలను ఇతరులతో పోల్చినప్పుడు అందుకోలేకపోతే దానిని ఏమంటారు?

Options :

7155058661. పెదారికం

7155058662. అధిక లభ్యత

7155058663. తృప్తి

7155058664. విలాసం

Question Number : 82 Question Id : 7155052732 Question Type : MCQ Option Shuffling : Yes 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 :

7155058665. Court

7155058666. Citadel on a High Land

7155058667. Open Air Theatre

7155058668. Great Bath

Question Number : 82 Question Id : 7155052732 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

గ్రీన్ లో అక్రోపోలిస్ అనేది:

Options :

7155058665. న్యాయస్థానం

7155058666. ఎత్తైన ప్రదేశంలో కోట

7155058667. బహిరంగ సినిమాహాలు

7155058668. మంచి స్నానం

Question Number : 83 Question Id : 7155052733 Question Type : MCQ Option Shuffling : Yes 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 :

7155058669. Yellow

7155058670. Green

7155058671. Purple

7155058672. Blue

Question Number : 83 Question Id : 7155052733 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

నేల ఉపయోగ పతంలో, వినోద ఉపయోగాల కొరకు ఏ రంగు కోడ్‌ని ఉపయోగిస్తారు?

Options :

7155058669. పసుపు

7155058670. ఆకుపచ్చ

7155058671. నీలలోహిత వర్ణం

7155058672. నీలం

Question Number : 84 Question Id : 7155052734 Question Type : MCQ Option Shuffling : Yes 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 :

7155058673. Both Statement **I** and Statement **II** are true

7155058674. Both Statement **I** and Statement **II** are false

7155058675. Statement **I** is true but Statement **II** is false

7155058676. Statement **I** is false but Statement **II** is true

Question Number : 84 Question Id : 7155052734 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ప్రకటన I : ఢిల్లీ పట్టణ ప్రణాళిక రేడియల్ రూపంలో ఉంది.

ప్రకటన II : ఢిల్లీ పట్టణ ప్రణాళిక గ్రిడ్ ఐరన్ రూపంలో ఉంది.

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి

Options :

7155058673. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058674. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058675. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

7155058676. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

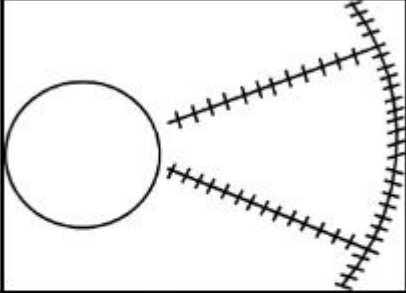
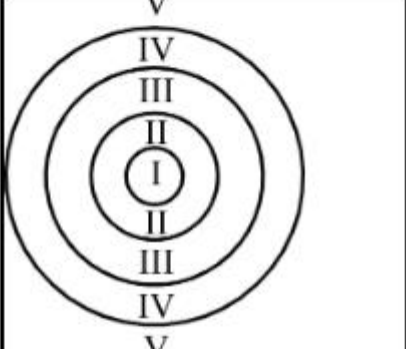
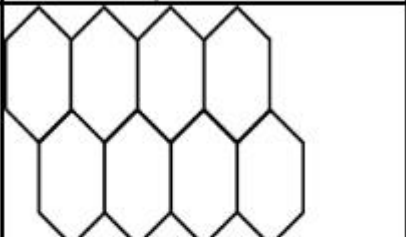
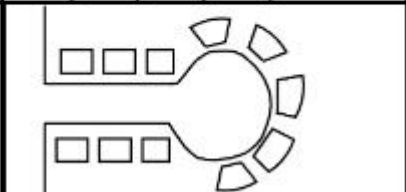
Question Number : 85 Question Id : 7155052735 Question Type : MCQ Option Shuffling : Yes Is

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 :

7155058677. A-II, B-III, C-I, D-IV

7155058678. A-III, B-I, C-II, D-IV

7155058679. A-IV, B-III, C-I, D-II

7155058680. A-II, B-III, C-IV, D-I

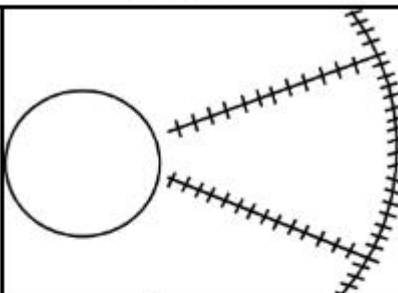
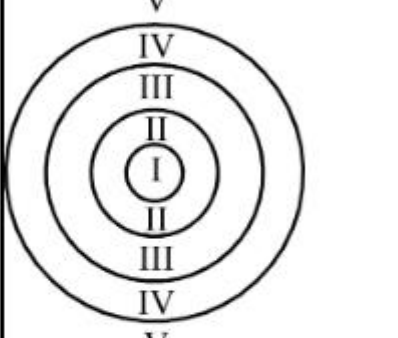
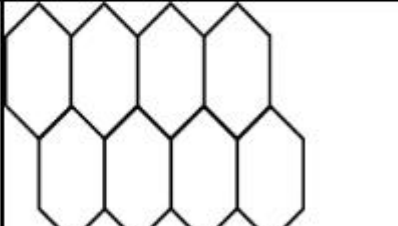
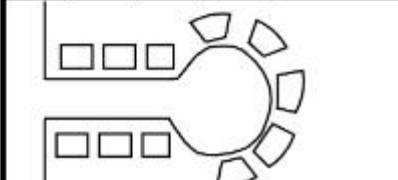
Question Number : 85 Question Id : 7155052735 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి.

జాబితా I		జాబితా II	
A.		I.	క్రిస్టల్ భావన
B.		II.	గార్డెన్ సిటీ భావన
C.		III.	ఎమెస్ట్ బర్లస్సె
D.		IV.	రాడ్బర్న్ భావన

సరైన జవాబు ఎన్నుకోండి.

Options :

7155058677. A-II, B-III, C-I, D-IV

7155058678. A-III, B-I, C-II, D-IV

7155058679. A-IV, B-III, C-I, D-II

7155058680. A-II, B-III, C-IV, D-I

Question Number : 86 Question Id : 7155052736 Question Type : MCQ Option Shuffling : Yes 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 :

7155058681. A-I, B-III, C-IV, D-II

7155058682. A-II, B-III, C-I, D-IV

7155058683. A-II, B-III, C-IV, D-I

7155058684. A-III, B-II, C-I, D-IV

Question Number : 86 Question Id : 7155052736 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి.

జాబితా I		జాబితా II	
A.	టవర్ ఇన్ ద పార్క్	I.	సర్ ఎబెనజర్ హోవార్డ్
B.	నెబర్హుడ్ యూనిట్	II.	లీ కార్బుసియర్
C.	గార్డెన్ సిటీ	III.	క్లెరెన్స్ పేరీ
D.	సెక్టర్ నమూనా	IV.	హోమ్స్ హోయట్స్

సరైన జవాబు ఎన్నుకోండి.

Options :

7155058681. A-I, B-III, C-IV, D-II

7155058682. A-II, B-III, C-I, D-IV

7155058683. A-II, B-III, C-IV, D-I

7155058684. A-III, B-II, C-I, D-IV

Question Number : 87 Question Id : 7155052737 Question Type : MCQ Option Shuffling : Yes 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 :

7155058685. A-I, B-II, C-III, D-IV

7155058686. A-II, B-I, C-III, D-IV

7155058687. A-II, B-III, C-IV, D-I

7155058688. A-II, B-I, C-IV, D-III

Question Number : 87 Question Id : 7155052737 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి.

జాబితా I		జాబితా II	
A.	1వ పంచవర్ష ప్రణాళిక	I.	1969-1974
B.	4వ పంచవర్ష ప్రణాళిక	II.	1951-1956
C.	8వ పంచవర్ష ప్రణాళిక	III.	1992-1997
D.	11వ పంచవర్ష ప్రణాళిక	IV.	2007-2012

సరియన్ జవాబు ఎన్నుకోండి.

Options :

7155058685. A-I, B-II, C-III, D-IV

7155058686. A-II, B-I, C-III, D-IV

7155058687. A-II, B-III, C-IV, D-I

7155058688. A-II, B-I, C-IV, D-III

Question Number : 88 Question Id : 7155052738 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

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

Choose the correct answer from the options given below:

Options :

7155058689. A-IV, B-I, C-II, D-III

7155058690. A-IV, B-II, C-I, D-III

7155058691. A-I, B-II, C-IV, D-III

7155058692. A-II, B-IV, C-I, D-III

Question Number : 88 Question Id : 7155052738 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

జతపరచండి

జాబితా I		జాబితా II	
A.	మధురై	I.	ప్రణాళిక కొండ పట్టణం
B.	అరావిలే	II.	కదంబ వనం
C.	లావస	III.	గ్రీడ్ ఐరన్
D.	చండిఘడ్	IV.	మత్రి మందిరం

సరైన జవాబు ఎన్నుకోండి

Options :

7155058689. A-IV, B-I, C-II, D-III

7155058690. A-IV, B-II, C-I, D-III

7155058691. A-I, B-II, C-IV, D-III

7155058692. A-II, B-IV, C-I, D-III

Question Number : 89 Question Id : 7155052739 Question Type : MCQ Option Shuffling : Yes 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 :

7155058693. Article 243

7155058694. Article 324

7155058695. Article 124

7155058696. Article 73

Question Number : 89 Question Id : 7155052739 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

పంచాయత్ రాజ్ కి సంబంధించిన ఆర్టికల్ ఏది?

Options :

7155058693. ఆర్టికల్ 243

7155058694. ఆర్టికల్ 324

7155058695. ఆర్టికల్ 124

7155058696. ఆర్టికల్ 73

Question Number : 90 Question Id : 7155052740 Question Type : MCQ Option Shuffling : Yes 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 :

7155058697. 2.47

7155058698. 3.47

7155058699. 4.47

7155058700. 5.47

Question Number : 90 Question Id : 7155052740 Question Type : MCQ Option Shuffling : Yes 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 వాళ్ళారు ఈని ఎకరాలకు సమానం ?

Options :

7155058697. 2.47

7155058698. 3.47

7155058699. 4.47

7155058700. 5.47

Question Number : 91 Question Id : 7155052741 Question Type : MCQ Option Shuffling : Yes 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 :

7155058701. National Institute for Transforming India

7155058702. National Industry for Technology India

7155058703. National Industry for Transforming India

7155058704. National Industrial Technical Institute

Question Number : 91 Question Id : 7155052741 Question Type : MCQ Option Shuffling : Yes 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 వివరంగా

Options :

7155058701. నేషనల్ ఇన్స్టిట్యూట్ ఫర్ ట్రాన్స్ఫార్మింగ్ ఇండియా

7155058702. నేషనల్ ఇండస్ట్రి ఫర్ టెక్నాలజీ ఇండియా

7155058703. నేషనల్ ఇండస్ట్రి ఫర్ ట్రాన్స్ఫార్మింగ్ ఇండియా

7155058704. నేషనల్ ఇండస్ట్రియల్ టెక్నికల్ ఇన్స్టిట్యూట్

Question Number : 92 Question Id : 7155052742 Question Type : MCQ Option Shuffling : Yes 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 :

7155058705. Kevin Lynch

7155058706. Patrick Geddes

7155058707. Ebenezer Howard

7155058708. Lewis Mumford

Question Number : 92 Question Id : 7155052742 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"కానుర్పేషన్ (Conurbation)" పదం ప్రస్తావించిందెవరు?

Options :

7155058705. కెవిన్ లింఛ్

7155058706. పట్రిక్ గెడ్స్

7155058707. ఎబనెజర్ హోవార్డ్

7155058708. లూయిస్ మమ్ఫోర్డ్

Question Number : 93 Question Id : 7155052743 Question Type : MCQ Option Shuffling : Yes 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 :

7155058709. Le Corbusier

7155058710. Ebenezer Howard

7155058711. Joseph Allen Stein

7155058712. Charles Correa

Question Number : 93 Question Id : 7155052743 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

దుర్గాపుర్ పట్టణ రూపకర్త ఎవరు?

Options :

7155058709. లీ కార్పొరేషన్

7155058710. ఎబనెజర్ హోవార్డ్

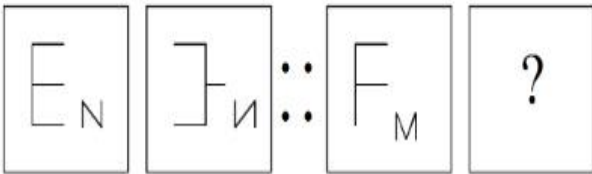
7155058711. జోసెఫ్ అలెన్ స్ట్రెయిన్

7155058712. చార్లెస్ కొరియా

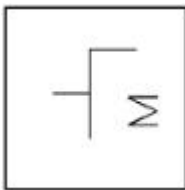
Question Number : 94 Question Id : 7155052744 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

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?

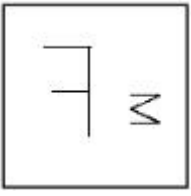


Options :

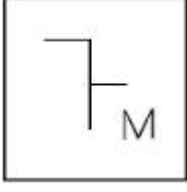


7155058713.

7155058714.



7155058715.

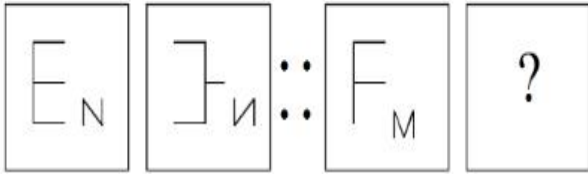


7155058716.

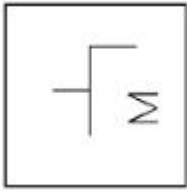
Question Number : 94 Question Id : 7155052744 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

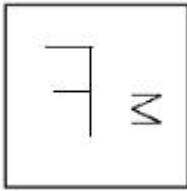
దత్త చిత్రంలో A మరియు B ఒక సంబంధం కలిగి ఉన్నాయి. C మరియు D ల మధ్య సారూప్య సంబంధం ఏర్పడేలా జవాబు చిత్రాన్ని గుర్తించండి.



Options :



7155058713.

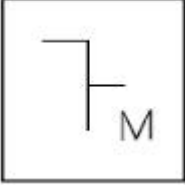


7155058714.

7155058715.



7155058716.



Question Number : 95 Question Id : 7155052745 Question Type : MCQ Option Shuffling : Yes 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 :

7155058717. 1947

7155058718. 1961

7155058719. 1977

7155058720. 1981

Question Number : 95 Question Id : 7155052745 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

హౌసింగ్ డెవలప్ మెంట్ ఫైనాన్స్ కార్పొరేషన్ (HDFC) ఎప్పుడు స్థాపించారు ?

Options :

7155058717. 1947

7155058718. 1961

7155058719. 1977

7155058720. 1981

**Question Number : 96 Question Id : 7155052746 Question Type : MCQ Option Shuffling : Yes 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 :

7155058721. Centralisation of Powers

7155058722. Division of Powers between various levels

7155058723. Opposition

7155058724. Unwritten Constitution

**Question Number : 96 Question Id : 7155052746 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

ఫెడరల్ ప్రభుత్వ ముఖ్య లక్షణమేమిటి?

Options :

7155058721. అధికార కేంద్రీకరణ

7155058722. వివిధ స్టాయిలలో అధికార విభజన

7155058723. ప్రతిపక్షం

7155058724. రాయబడని రాజ్యాంగం

Question Number : 97 Question Id : 7155052747 Question Type : MCQ Option Shuffling : Yes 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 :

7155058725. ICICI

7155058726. State Bank of India

7155058727. Indian Bank

7155058728. Canara Bank

Question Number : 97 Question Id : 7155052747 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

కింది వాటిలో ప్రజారంగ బ్యాంకు కానిది ఏది?

Options :

7155058725. ICICI

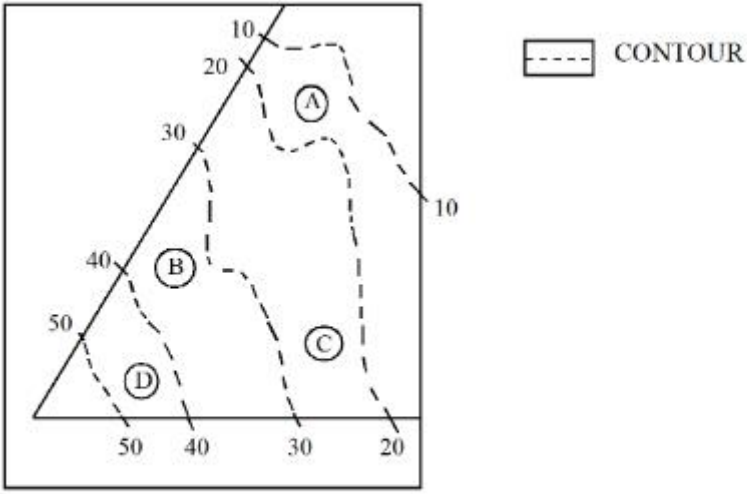
7155058726. స్టేట్ బ్యాంక్ ఆఫ్ ఇండియా

7155058727. ఇండియన్ బ్యాంక్

7155058728. కనరా బ్యాంక్

Question Number : 98 Question Id : 7155052748 Question Type : MCQ Option Shuffling : Yes 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 :

7155058729. 30-40

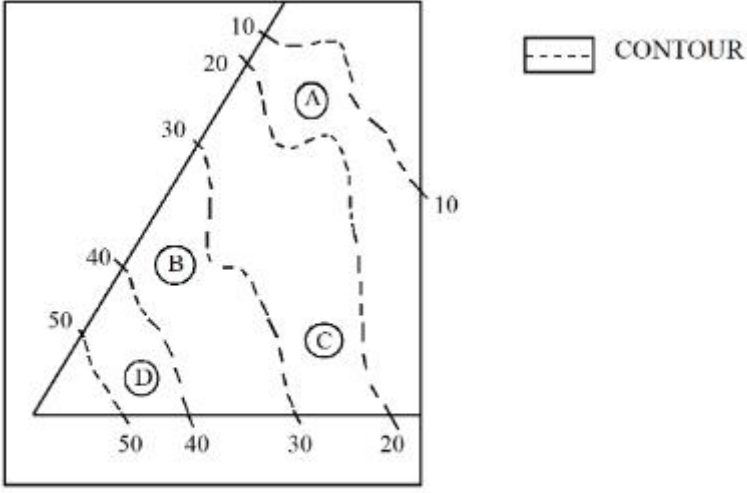
7155058730. 40-50

7155058731. 10-20

7155058732. 20-30

Question Number : 98 Question Id : 7155052748 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



దత్త పఠంలో, స్థలంలో D యొక్క స్థానం

Options :

7155058729. 30-40

7155058730. 40-50

7155058731. 10-20

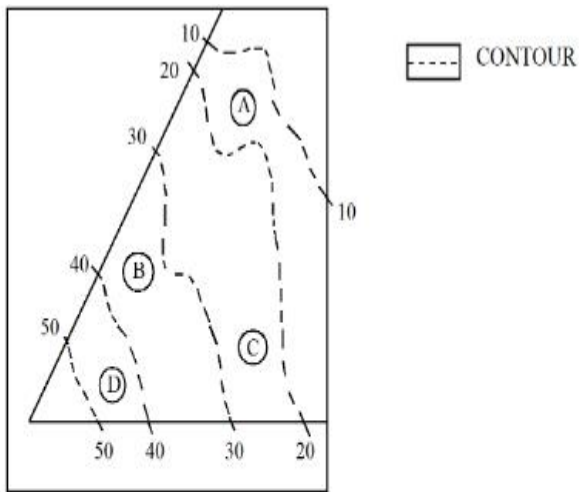
7155058732. 20-30

Question Number : 99 Question Id : 7155052749 Question Type : MCQ Option Shuffling : Yes 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 :

7155058733. Both Statement **I** and Statement **II** are true

7155058734. Both Statement **I** and Statement **II** are false

7155058735. Statement **I** is true but Statement **II** is false

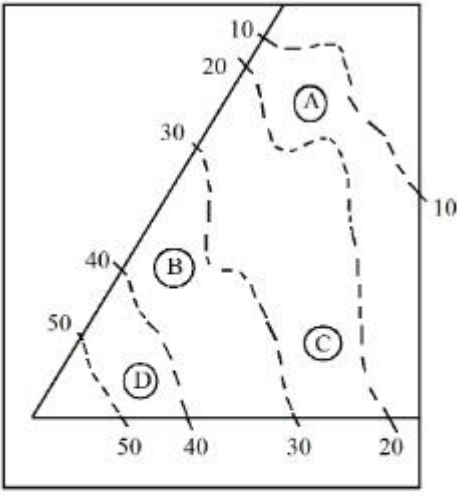
7155058736. Statement **I** is false but Statement **II** is true

Question Number : 99 Question Id : 7155052749 Question Type : MCQ Option Shuffling : Yes 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

ప్రకటన I: దత్త పఠంలో, B స్థానం C కన్నా ఎక్కువ

ప్రకటన II: దత్త పఠంలో, A స్థానం C కన్నా తక్కువ

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి

Options :

7155058733. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058734. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058735. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

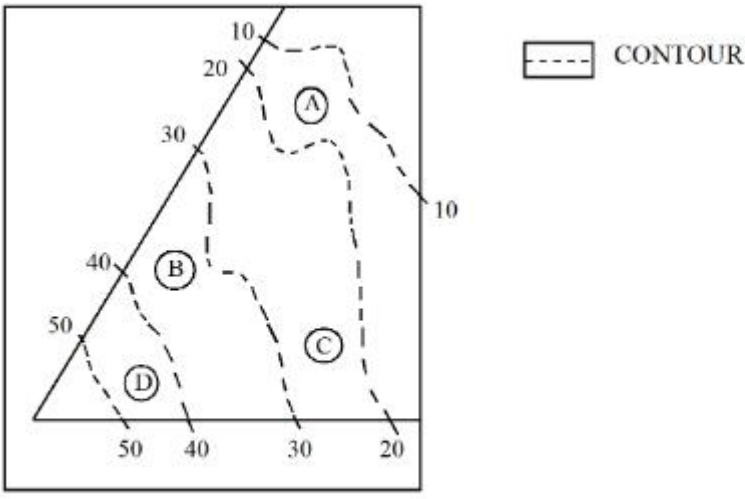
7155058736. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Question Number : 100 Question Id : 7155052750 Question Type : MCQ Option Shuffling : Yes

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 :

7155058737. 20-30

7155058738. 30-40

7155058739. 10-20

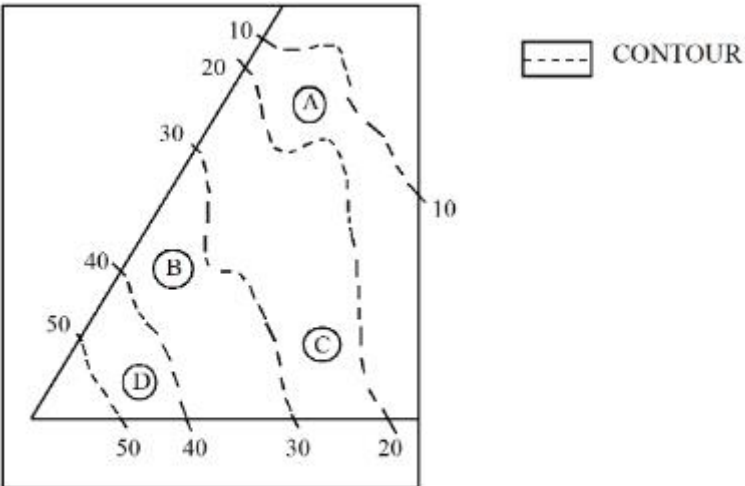
7155058740. 40-50

Question Number : 100 Question Id : 7155052750 Question Type : MCQ Option Shuffling : Yes

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

Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



దత్త పఠంలో, A స్థానం ఏ పరిధి రేఖపై ఉంది?

Options :

7155058737. 20-30

7155058738. 30-40

7155058739. 10-20

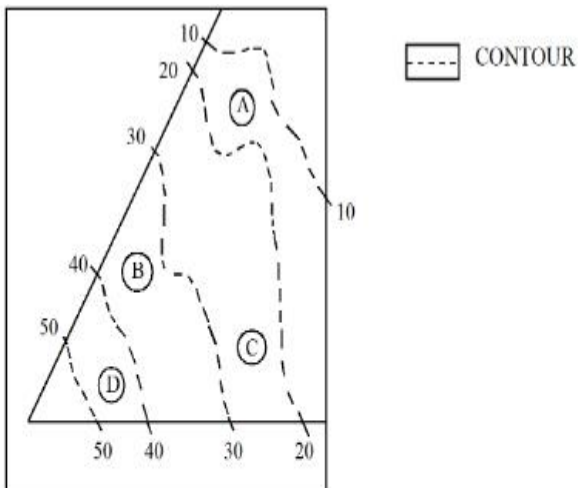
7155058740. 40-50

Question Number : 101 Question Id : 7155052751 Question Type : MCQ Option Shuffling : Yes

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 :

7155058741. Both Statement **I** and Statement **II** are true

7155058742. Both Statement **I** and Statement **II** are false

7155058743. Statement **I** is true but Statement **II** is false

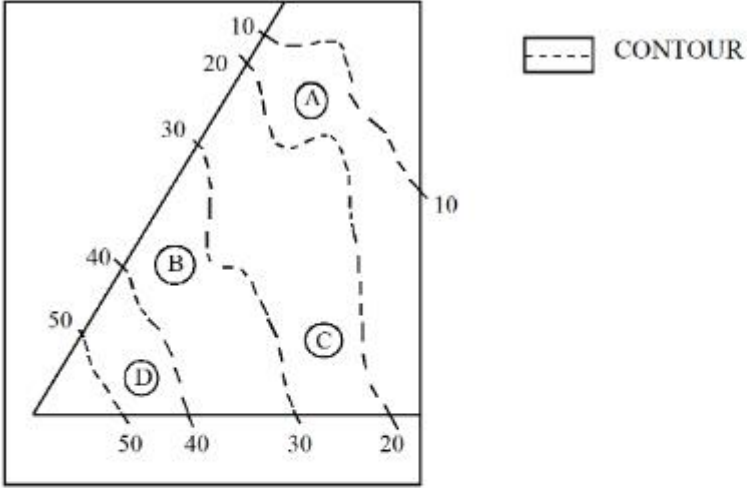
7155058744. Statement **I** is false but Statement **II** is true

Question Number : 101 Question Id : 7155052751 Question Type : MCQ Option Shuffling : Yes

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

Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



ప్రకటన I: స్థలం కనీస స్థాయిలో A స్థానం ఉంది

ప్రకటన II: స్థలంలో 'B' కన్నా తక్కువ స్థాయిలో A స్థానం ఉంది.

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి.

Options :

7155058741. ప్రకటన **I** మరియు ప్రకటన **II** రెండూ నిజం

7155058742. ప్రకటన **I** మరియు ప్రకటన **II** రెండూ అబద్ధం

7155058743. ప్రకటన **I** నిజం కాని ప్రకటన **II** అబద్ధం

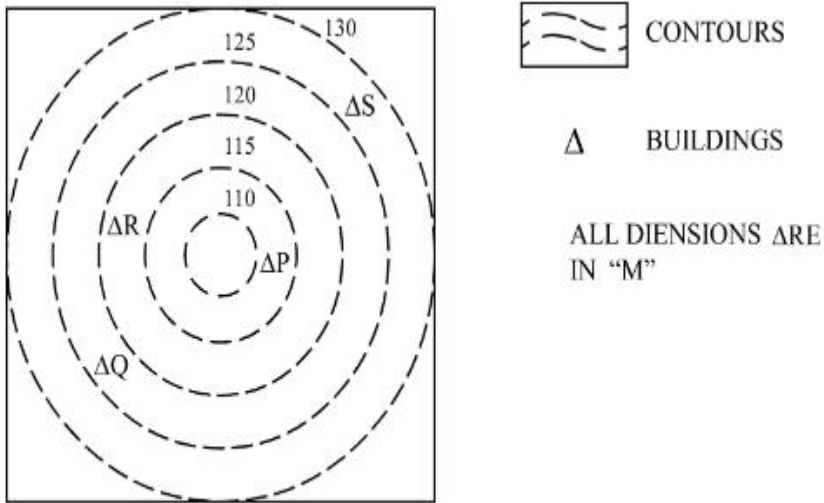
7155058744. ప్రకటన **I** అబద్ధం కాని ప్రకటన **II** నిజం

Question Number : 102 Question Id : 7155052752 Question Type : MCQ Option Shuffling : Yes

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 :

7155058745. 2

7155058746. 3

7155058747. 1

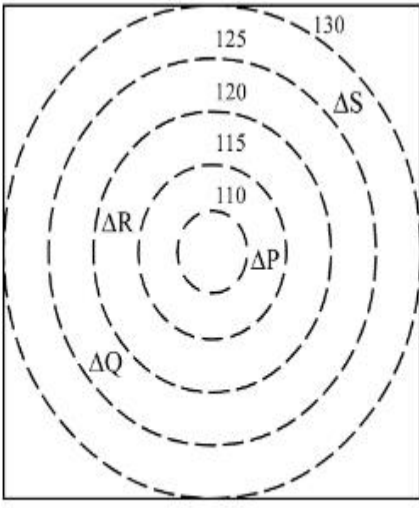
7155058748. 4

Question Number : 102 Question Id : 7155052752 Question Type : MCQ Option Shuffling : Yes


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"

దత్త పఠంలో, "P" మరియు "S" ల మధ్య ఎన్ని పరిధిరేఖల స్థాయిలు ఉన్నాయి?

Options :

7155058745. 2

7155058746. 3

7155058747. 1

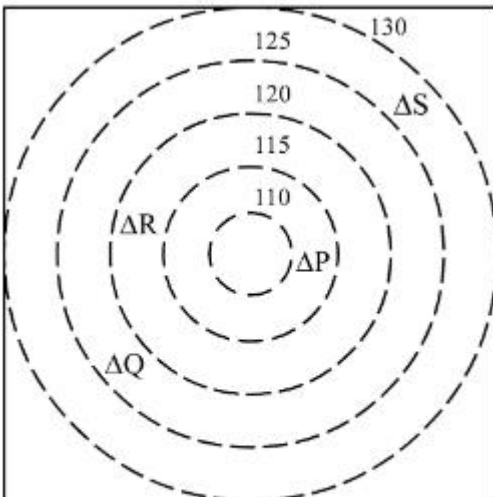
7155058748. 4


Question Number : 103 Question Id : 7155052753 Question Type : MCQ Option Shuffling : Yes

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 :

7155058749. 5

7155058750. 10

7155058751. 25

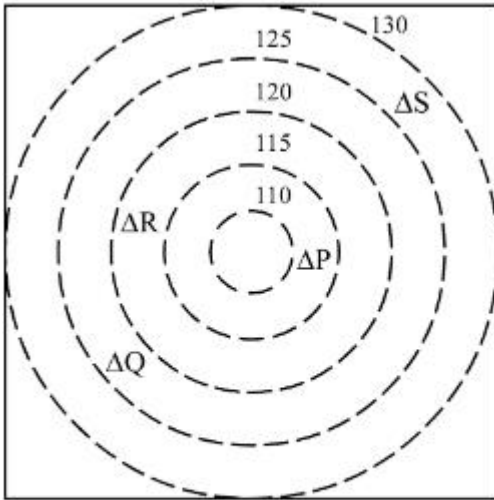
7155058752. 15


Question Number : 103 Question Id : 7155052753 Question Type : MCQ Option Shuffling : Yes


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"

దత్త పఠంలో, "R" నుండి _____ మీటర్ల ఎత్తులో "S" ఉంది ?

Options :

7155058749. 5

7155058750. 10

7155058751. 25

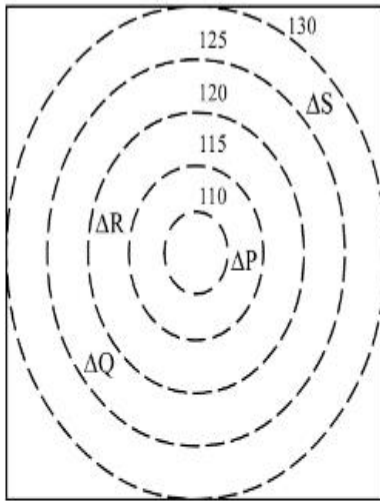
7155058752. 15

Question Number : 104 Question Id : 7155052754 Question Type : MCQ Option Shuffling : Yes

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 :

7155058753. Both Statement **I** and Statement **II** are true

7155058754. Both Statement **I** and Statement **II** are false

7155058755. Statement **I** is true but Statement **II** is false

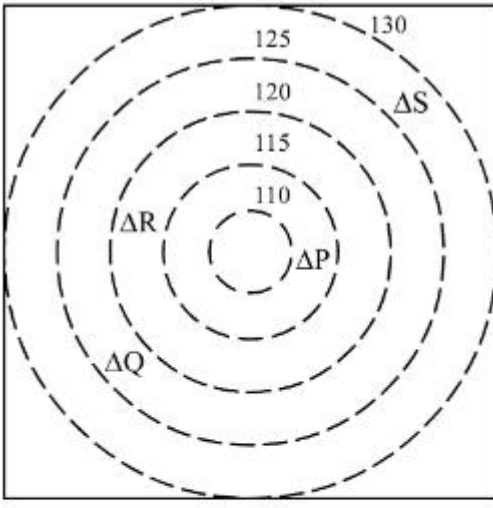
7155058756. Statement **I** is false but Statement **II** is true

Question Number : 104 Question Id : 7155052754 Question Type : MCQ Option Shuffling : Yes

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

Δ BUILDINGS

ALL DIENSIONS ARE
IN "M"

పఠం ప్రకారం:

ప్రకటన I : "P" మరియు "Q" ల కన్నా ఎత్తులో "R" ఉంది

ప్రకటన II : "P" , "Q" మరియు "R" ల కన్నా ఎత్తులో "S" ఉంది.

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి.

Options :

7155058753. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058754. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058755. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

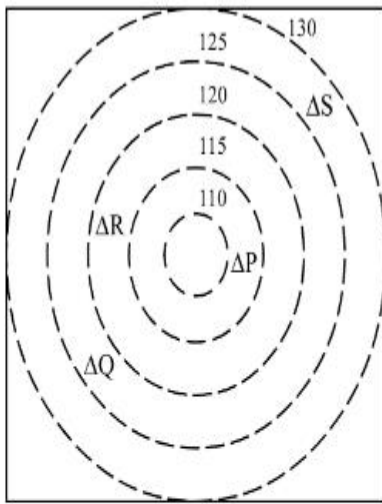
7155058756. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Question Number : 105 Question Id : 7155052755 Question Type : MCQ Option Shuffling : Yes

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 :

7155058757. Both Statement **I** and Statement **II** are true

7155058758. Both Statement **I** and Statement **II** are false

7155058759. Statement **I** is true but Statement **II** is false

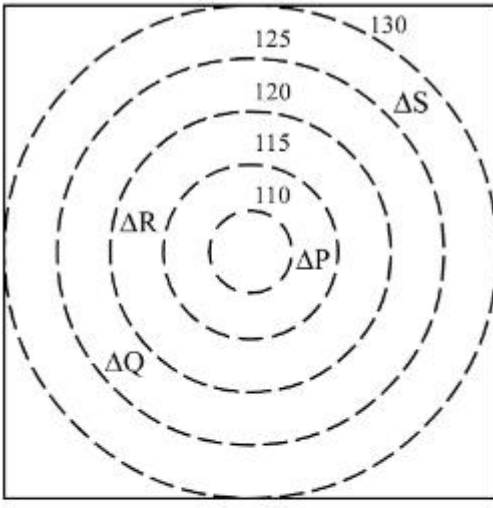
7155058760. Statement **I** is false but Statement **II** is true

Question Number : 105 Question Id : 7155052755 Question Type : MCQ Option Shuffling : Yes

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

Δ BUILDINGS

ALL DIENSIONS ARE
IN "M"

పఠం ప్రకారం :

ప్రకటన I : "P", 110m ల ఎత్తులో ఉంది.

ప్రకటన II : "S" కంటే 5m తక్కువలో "Q" ఉంది.

పై ప్రకటనల ఆధారంగా సరైన జవాబు ఎన్నుకోండి.

Options :

7155058757. ప్రకటన I మరియు ప్రకటన II రెండూ నిజం

7155058758. ప్రకటన I మరియు ప్రకటన II రెండూ అబద్ధం

7155058759. ప్రకటన I నిజం కాని ప్రకటన II అబద్ధం

7155058760. ప్రకటన I అబద్ధం కాని ప్రకటన II నిజం

Drawing

Section Id : 715505167

Section Number : 5

Section type : Offline

Mandatory or Optional : Mandatory

Number of Questions : 2

Number of Questions to be attempted :	2
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	715505167
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 106 Question Id : 7155052756 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

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



Question Number : 106 Question Id : 7155052756 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

ఇచ్చిన రెఫరెన్స్ చిత్రం ఆధారంగా చిత్రాన్ని గీయండి. మీకు నచ్చిన తెలుపు మరియు నలుపు రెండరింగ్ టెక్నిక్లను ఉపయోగించండి.



Question Number : 107 Question Id : 7155052757 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

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

Question Number : 107 Question Id : 7155052757 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 50

ఒక మోటార్ సైకిల్ లో మీకు కనిపించే సాధారణ 2D షేప్లను ఉపయోగించండి మరియు మీకు నచ్చిన ఏవేని మూడు రంగులతో మీకు నచ్చిన 2D కలయికని గీయండి.