

National Testing Agency

Question Paper Name :	B PLANNING AND B ARCH 28th Jan 2023 Shift 2
Subject Name :	B PLANNING AND B ARCH
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Duration :	210
Total Marks :	500
Display Marks:	Yes

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

ਮੰਨ ਲਓ \mathbb{R}^2 ਤੇ ਦੋ ਸੰਬੰਧ R_1 ਅਤੇ R_2 ਪਰਿਭਾਸ਼ਾ ਹਨ:

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

(a, b) R_2 (c, d) ਜੇਕਰ $a + d \geq b + c$. ਤੱਦ

Options :

7155058371. R_1 ਸਕਰਮਕ ਹੈ ਪਰੰਤ R_2 ਸਕਰਮਕ ਨਹੀਂ ਹੈ ।

7155058372. R_2 ਸਕਰਮਕ ਹੈ ਪਰੰਤ R_1 ਸਕਰਮਕ ਨਹੀਂ ਹੈ ।

7155058373. ਦੋਵੇਂ R_1 ਅਤੇ R_2 ਸਕਰਮਕ ਹਨ ।

7155058374. ਨਾ ਹੀ R_1 ਅਤੇ ਨਾ ਹੀ R_2 ਸਕਰਮਕ ਹਨ ।

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

ਮੰਨ ਲਉ α ਅਤੇ β , $x^2 - 3x + 9 = 0$ ਦੇ ਮੂਲ ਹਨ ਤੱਦ $\left(\frac{\beta^{30}}{(9\alpha)^{10}} + \frac{\alpha^{30}}{(9\beta)^{10}} \right)^2$ ਬਰਾਬਰ ਹੈ :

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

$z = 2 + 5i$ ਲਈ, $2z^3 + 21z^2 - 58z + 4$ ਦਾ ਨਿਰਪੇਖ ਮਾਪਕ ਹੈ :

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

ਜੇਕਰ ਸਮੀਕਰਨਾਂ ਦੀ ਪ੍ਰਣਾਲੀ

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

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

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

ਦੇ ਕਈ ਅਸੀਮਿਤ ਹੱਲ ਹਨ ਤਦ K^2 ਹੈ:

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

$\alpha, \beta \in \mathbb{R}$ ਲਈ, $A*B = A^2 + B^2$, ਜੇਕਰ ਮੈਟ੍ਰਿਕਸਾਂ $A = \begin{pmatrix} \alpha & 0 \\ 0 & \beta \end{pmatrix}$, $B = \begin{pmatrix} \alpha & 0 \\ 0 & \alpha \end{pmatrix}$, $I = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ ਸਮੀਕਰਨ $(A*B)*2I = 20I$ ਨੂੰ ਸੰਤੁਸ਼ਟ ਕਰਦੇ ਹਨ ਜਿੱਥੇ ਦੁਆਰਾ ਪਰਿਭਾਸ਼ਿਤ ਕੀਤਾ ਗਿਆ ਹੈ ਤਦ $|\alpha\beta|$ ਦਾ ਮੁੱਲ ਬਰਾਬਰ ਹੈ :

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

ਲੜੀ $\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$ ਦੇ ਪਹਿਲੇ (11) ਪਦਾਂ ਦਾ ਜੋੜ ਹੈ :

Options :

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

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

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

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

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

ਜੇਕਰ $\lim_{x \rightarrow 0} (1 + 3x)^{\frac{x+2}{x}}$ ਬਰਾਬਰ ਹੈ :

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

ਮੰਨ ਲਓ $P(\alpha, \beta, \lambda)$ ਬਿੰਦੂ $Q(1,2,0)$ ਦੀ ਰੇਖਾ $\frac{x-5}{3} = \frac{y-12}{1} = \frac{z-10}{2}$, ਵਿੱਚ ਪ੍ਰਤੀਬਿੰਬ ਹੈ ਤਦ $(PQ)^2$ ਬਰਾਬਰ ਹੈ:

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

ਇੱਕ ਬਕਸੇ ਵਿੱਚ 7 ਲਾਲ ਅਤੇ 9 ਚਿੱਟੀਆਂ ਗੋਦਾਂ ਮੌਜੂਦ ਹਨ। ਤਦ 8 ਗੋਦਾਂ ਇਸ ਤਰ੍ਹਾਂ ਕੱਢੀਆਂ ਜਾਣ ਤਾਂ ਜੋ ਘੱਟ ਤੋਂ ਘੱਟ ਤਿੰਨ ਗੋਦਾਂ ਇੱਕ ਹੀ ਰੰਗ ਦੀਆਂ ਹੋਣ ਵਾਲੇ ਤਰੀਕਿਆਂ ਦੀ ਗਿਣਤੀ ਹੈ:

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

ਮੰਨ $[t]$ ਅਧਿਕਤਮ ਸੰਪੂਰਨ ਸੰਖਿਆ ਫਲਨ ਦਰਸਾਉਂਦਾ ਹੈ ਜੇਕਰ $\int_0^1 [1+x^2+x^4] dx = a$,

$36a - 25a^2 + 8a^3 - a^4$ ਬਰਾਬਰ ਹੈ:

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

ਮੰਨ ਲਓ $PL = 8$ ਇਕਾਈ ਅਤੇ $QM = 2$ ਦੇ ਸਮਾਨਾਂਤਰ ਰੇਖਾਖੰਡ ਇਸ ਤਰ੍ਹਾਂ ਹਨ ਕਿ ਰੇਖਾਖੰਡ PL ਅਤੇ QM ਬਿੰਦੂ R ਉੱਤੇ ਕੱਟਦੇ ਹਨ। ਜੇਕਰ PL ਅਤੇ QM ਬਿੰਦੂਆਂ P, Q, R ਵਿੱਚੋਂ ਲੰਘਣ ਵਾਲੇ ਚੱਕਰ ਨੂੰ ਸਪਰਸ਼ ਰੇਖਾਵਾਂ ਹਨ ਤਦ ਚੱਕਰ ਦਾ ਅਰਧ ਵਿਆਸ ਹੈ:

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

ਮੰਨ ਲਉ $\alpha \in \mathbb{N}$, ਅਤੇ PQR ਇੱਕ ਤ੍ਰਿਭੁਜ ਹੈ ਜਿਸਦੇ P(2, 5) ਅਤੇ Q(α , -11) ਦੇ ਸਥਿਰ ਸਿਖਰ ਹਨ । ਜੇਕਰ ਬਿੰਦੂ R ਰੇਖਾ $l_1: 9x + 7y + \alpha = 0$ ਉੱਤੇ ਹੈ, ਤੱਦ ΔPQR ਦਾ ਕੇਂਦਰਕ ਰੇਖਾ l_2 ਦੇ 'ਤੇ ਚੱਲਦਾ ਹੈ ਹੈ ਜੋ ਕਿ ਰੇਖਾ l_1 ਦੇ ਸਮਾਂਤਰ ਅਤੇ ਇਸ ਤੋਂ $\frac{20}{3\sqrt{130}}$ ਇਕਾਈਆਂ ਦੂਰੀ 'ਤੇ ਹੈ । ਜੇਕਰ ਬਿੰਦੂ Q, ਰੇਖਾ l_2 ਤੋਂ $\frac{k}{3\sqrt{130}}$ ਦੀ ਦੂਰੀ 'ਤੇ ਹੈ, ਤੱਦ k ਦਾ ਮੁੱਲ ਬਰਾਬਰ ਹੈ:

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

ਮੰਨ ਲਉ $A_i(x_i, y_i), i = 1, 2, 3$ ਚੱਕਰ $x^2 + y^2 = 10$ ਉੱਪਰ ਬਿੰਦੂ ਹਨ ਜੱਦਕਿ A_1 ਪਹਿਲੇ ਭਾਗ ਵਿੱਚ ਹੈ, ਅਤੇ ਇਹ ਬਿੰਦੂ A_2, y -ਧੁਰੇ ਦੀ ਬਾਬਤ ਪ੍ਰਤਿਬਿੰਬ ਹੈ। ਜੇਕਰ A_1 ਦੀ ਹਰੇਕ ਬਿੰਦੂ A_2 ਅਤੇ A_3 ਤੋਂ ਦੂਰੀ 2 ਹੈ, ਤੱਦ $\Delta A_1 A_2 A_3$ ਖੇਤਰਫਲ ਦਾ ਵੀਹ ਗੁਣਾ ਹੈ:

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

ਜਦੋਂ 7^{89} ਨੂੰ ਨਾਲ ਭਾਗ ਕੀਤਾ ਗਿਆ ਹੈ ਤਾਂ ਬਾਕੀ ਹੈ:

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

ਜੇਕਰ ਤੱਲ $y = \alpha x - \beta y + \gamma z$ ਜੋ ਕਿ ਬਿੰਦੂ $(1, -1, 3)$ ਵਿੱਚੋਂ ਲੰਘਦਾ ਹੈ ਅਤੇ ਹਰੇਕ ਤੱਲ $2x + y + z = 1$ ਅਤੇ $3x - 2y + 2z = 0$ ਨੂੰ ਲੰਬ ਹੈ ਤੱਦ $\alpha + \beta + \gamma$ ਬਰਾਬਰ ਹੈ:

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

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

Options :

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

ਮੰਨ ਲਉ $\vec{a} = \hat{i} + 2\hat{j} + 3\hat{k}$, $\vec{b} = \hat{i} - \hat{j} + 2\hat{k}$, $\vec{c} = 2\hat{i} + \hat{j} - 4\hat{k}$ ਤਿੰਨ ਵੈਕਟਰ ਹਨ। ਜੇਕਰ \vec{r} ਇੱਕ ਵੈਕਟਰ ਹੈ ਜਦਕਿ $\vec{r} \times \vec{a} = (\vec{b} + \vec{c}) \times \vec{a}$ ਅਤੇ $\vec{r} \cdot (\vec{b} - \vec{c}) = 0$ ਅਤੇ \vec{r} ਤੱਦ $\vec{r} \cdot (\hat{i} + \hat{j} - \hat{k})$ ਬਰਾਬਰ ਹੈ:

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

ਸਮੀਕਰਣ $1+x+x^2+\dots+x^{118}=0$ ਦੇ ਬੇਤਰਤੀਬੇ ਢੰਗ ਨਾਲ ਚੁਣੇ ਗੱਲ ਦੀ ਸਮੀਕਰਨ $x^7=1$ ਨੂੰ ਸੰਤੁਸ਼ਟ ਕਰਨ ਦੀ ਸੰਭਾਵਣਾ ਹੈ :

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

ਮੰਨ ਲਓ X ਦੇ ਪਦੀ $B(n, p)$ ਹੈ। ਜੇਕਰ ਇਸਦਾ ਮੱਧਮਾਨ 3 ਅਤੇ ਪ੍ਰਸਾਰਨ 2 ਹੈ $P(X < \frac{n}{4})$

ਬਰਾਬਰ ਹੈ:

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

ਫਲਨ $f(x) = \cos^{-1}\left(\frac{x^2 - 3x + 2}{x^2 + 2x - 1}\right)$ ਦਾ ਪ੍ਰਾਂਤ ਹੈ:

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

ਹੇਠ ਲਿਖੇ ਕਥਨਾਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਕਥਨ ਇੱਕ ਪੁਨਰ ਉਕਤੀ (ਟਾਟੋਲਜੀ) ਹੈ ?

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

ਵਕਰ $y = x^2 + 1$, $y + |x| = 3$ ਅਤੇ $y = |x-1|$ ਨਾਲ ਘਿਰੇ ਖੇਤਰਫਲ ਨੂੰ ਅਨੁਪਾਤ $m : n$ ਵਿੱਚ ਵੰਡਦੀ ਹੈ ਜਿੱਥੇ m ਅਤੇ n ਸਹਿ ਅਭਾਜ ਸੰਖਿਆਵਾਂ ਹਨ।
ਤਦ $m+n$ ਬਰਾਬਰ _____ ਹੈ।

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

30 ਇੱਕੋ ਜਿਹੇ ਪੈਨਾਂ ਨੂੰ 12 ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਇੱਸ ਤਰ੍ਹਾਂ ਵੰਡਣਾ ਹੈ ਕਿ ਹਰੇਕ ਵਿਦਿਆਰਥੀ ਕੋਲ ਘੱਟੋ ਘੱਟ ਇੱਕ ਪੈਨ ਅਤੇ ਸਿਰਫ ਦੋ ਵਿਦਿਆਰਥੀਆਂ ਕੋਲ ਘੱਟੋ ਘੱਟ ਦੋ ਪੈਨ ਆਉਣ ਦੇ ਤਰੀਕਿਆਂ ਦੀ ਗਿਣਤੀ _____ ਹੈ ।

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

ਮੰਨ ਲਓ $(1+x^2-x^4)^{12} = \sum_{n=0}^{48} a_n x^n$, ਤਾਂ $a_0 + a_2 + a_4 + \dots + a_{44}$ _____ ਹੈ।

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

ਜੇਕਰ S_n ਲੜੀ $7 + 10 + 16 + 25 + 37 + \dots$, ਦੇ ਪਹਿਲੇ n ਪਦਾਂ ਦਾ ਜੋੜ ਦਰਸਾਉਂਦਾ ਹੈ, ਤਾਂ $S_{30} - S_{20}$ ਬਰਾਬਰ _____ ਹੈ।

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

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

ਮੰਨ ਲਉ $[t]$ ਅਧਿਕਤਮ ਸੰਪੂਰਨ ਸੰਖਿਆ $\leq t$ ਨੂੰ ਦਰਸਾਉਂਦਾ ਹੈ, ਤੱਦ ਖੁੱਲ੍ਹੇ ਅੰਤਰਾਲ $(-10, 10)$ ਵਿੱਚ ਜਿਸ ਉੱਤੇ ਫਲਨ $f(x) = [x+x^3] + |x-x^3| + \left|x + \frac{1}{2}\right|$ ਡਿਫਰੈਂਸ਼ੀਏਬਲ ਨਹੀਂ ਹੈ, ਤੱਦ ਖੁੱਲ੍ਹੇ ਅੰਤਰਾਲ ਉਹਨਾਂ ਬਿੰਦੂਆਂ ਦੀ ਗਿਣਤੀ _____ ਹੈ।

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

$\int \frac{dx}{(3x^2+5)\sqrt{10x^2+7}} = -\frac{1}{\sqrt{580}} \log_e |f(x)| + C$ ਜਿੱਥੇ C ਇੱਕ ਅਚਲ ਹੈ ਤਦ $f(0)$ ਬਰਾਬਰ _____ ਹੈ।

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

ਮੰਨ ਲਉ ਹਾਈਪਰਬੋਲਾ ਜਿਸਦਾ ਫੋਕਸ $(1, 5)$, $(1, -1)$ ਅਤੇ ਅਸਮਕੇਂਦਰਤਾ $\sqrt{3}$ ਹੈ ਦੀ ਸਮੀਕਰਨ $x^2 - 2y^2 + ax + by + c = 0$ ਹੈ । ਤੱਦ $|a + b + c|$ ਬਰਾਬਰ _____ ਹੈ ।

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 $(\frac{164}{13}, 5, 0)$ is _____ unit².

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 28 **Question Id :** 7155052678 **Question Type :** SA **Calculator :** None

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

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

ਮੰਨ ਲਉ α ਦੀਆਂ α_1, α_2 ਦੇ ਕੀਮਤਾਂ ਹਨ ਜਦੋਂ ਬਿੰਦੂ $(2, 4, 3)$ ਅਤੇ ਤੱਲ $3x + y + \alpha z + 10 = 0$ ਵਿੱਚਕਾਰ ਦੂਰੀ $\sqrt{35}$ ਇਕਾਈਆਂ ਹੈ। ਤੱਦ ਤਿੰਨੁਜ ਜਿਸਦੇ ਸਿਖਰ $(\alpha_1, \alpha_2, 0), (\alpha_2, \alpha_1, 0)$ ਅਤੇ $(\frac{164}{13}, 5, 0)$ ਹਨ ਦਾ ਖੇਤਰਫਲ _____ ਇਕਾਈ² ਹੈ।

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

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

10 to 12

Question Number : 29 **Question Id :** 7155052679 **Question Type :** SA **Calculator :** None

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

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

0 ਨੂੰ ਮੁੱਢ ਲੈਂਦੇ ਹੋਏ, ਮੰਨ ਲਉ ਵੈਕਟਰ $\vec{OA} = -3\hat{i} + 7\hat{j} + 5\hat{k}$, $\vec{OB} = -5\hat{i} + 7\hat{j} - 3\hat{k}$ ਅਤੇ $\vec{OC} = \hat{u}$ ਇੱਕ ਸਮਾਂਤਰ ਚਤੁਰਭੁਜ ਦੀਆਂ ਤਿੰਨ ਭੁਜਾਵਾਂ ਦਰਸਾਉਂਦੇ ਹਨ ਜਿੱਥੇ \hat{u}, xy ਪੂਰੇ ਵਿੱਚ ਇਕਾਈ ਵੈਕਟਰ ਹੈ। ਜੇਕਰ ਸਮਾਂਤਰ ਛੁੱਟਲਕ (parallelepiped) ਦਾ ਅਧਿਕਤਮ ਆਇਤਨ $2\sqrt{\alpha}$ ਹੈ, ਤਾਂ α ਬਰਾਬਰ _____ ਹੈ।

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

ਮੰਨੋ ਭਿੰਨਾਤਮਕ ਸਮੀਕਰਨ $\frac{x+y-2}{x+y-1} \frac{dy}{dx} = \frac{x+y+2}{x+y+1}$, $x+y > 2$ ਦੀ ਹੱਲ ਵੱਤਰ ਬਿੰਦੂਆਂ $(\sqrt{2}, \sqrt{2})$ ਅਤੇ $(2, a)$,

ਤਦ $2a - \log_e \left(\frac{a^2 + 4a + 2}{6} \right)$ ਬਰਾਬਰ _____ ਹੈ।

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

ਅਡੋਬ ਹੈ:

Options :

7155058461. ਇੱਕ ਪ੍ਰਕਾਰ ਦਾ ਸੀਮੇਂਟ

7155058462. ਮੰਜ਼ਿਲ ਮੁਕੰਮਲ

7155058463. ਰੰਗਤ

7155058464. ਇੱਕ ਪ੍ਰਕਾਰ ਦੀ ਇੱਟ

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

ਹੇਠਾਂ ਦੇ ਕਥਨ ਦਿੱਤੇ ਗਏ ਹਨ:

ਕਥਨ I: ਚੰਡੀਗੜ੍ਹ ਆਜ਼ਾਦ ਭਾਰਤ ਦਾ ਪਹਿਲਾਂ ਯੋਜਨਾਬੱਧ ਸ਼ਹਿਰ ਹੈ।

ਕਥਨ II: ਚੰਡੀਗੜ੍ਹ ਨੂੰ ਸਵਿਸ ਫ੍ਰੈਂਚ ਆਰਕਿਟੈਕਟ ਦੁਆਰਾ ਡਿਜ਼ਾਇਨ ਕੀਤਾ ਗਿਆ ਹੈ

ਉਪਰੋਕਤ ਕਥਨਾਂ ਦੇ ਆਧਾਰ ਉੱਤੇ ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਭ ਤੋਂ ਢੁੱਕਵਾਂ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058465. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058466. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058467. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

7155058468. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

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

ਹੇਠਾਂ ਦੇ ਵਾਕ ਦਿੱਤੇ ਗਏ ਹਨ:

ਕਥਨ I : ਕੱਚ ਦੀ ਘੱਟ ਚਾਲਕਤਾ ਹੈ

ਕਥਨ II : ਕੱਚ ਪ੍ਰਤੀਬਿੰਬ ਅਤੇ ਆਵਾਜ਼ਾਈ ਨੂੰ ਜਜ਼ਬ ਕਰ ਸਕਦਾ ਹੈ

ਉਪਰੋਕਤ ਕਥਨਾਂ ਦੇ ਆਧਾਰ ਉੱਤੇ ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਭ ਤੋਂ ਢੁੱਕਵਾਂ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058469. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058470. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058471. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

7155058472. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

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

ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਓ

LIST I		LIST II	
A.	ਪੀਐਮਯੂਵਾਈ	I.	ਕੁਸ਼ਲਤਾ ਵਿਕਾਸ ਯੋਜਨਾ
B.	ਪੀਐਮਏਵਾਈ	II.	ਜਨ-ਧਨ ਯੋਜਨਾ
C.	ਪੀਐਕੇਵੀਵਾਈ	III.	ਉਜਵਲ ਯੋਜਨਾ
D.	ਪੀਐਮਜੇਡੀਵਾਈ	IV.	ਆਵਾਜ ਯੋਜਨਾ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

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

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

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

ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਓ

LIST I		LIST II	
A.	ਸੀਪੀਕੁਕਰੇਜ਼ਾ	I.	ਆਈ.ਆਈ.ਐਮ ਅਹਿਮਦਾਬਾਦ
B.	ਲੁਇਸ ਆਈ ਕਾਨ	II.	ਜਵਾਹਰ ਲਾਲ ਨਹਿਰੂ
C.	ਬੀ.ਵੀ.ਦੋਸ਼ੀ	III.	ਆਈ.ਆਈ.ਟੀ ਕਾਨਪੁਰ
D.	ਅਛਯੁਤ ਕਾਨਵੀਟੇ	IV.	ਆਈ.ਆਈ.ਐਮ ਬੈਰਾਲੁਰੂ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਉਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਇੱਕ ਮੁਫਤ ਰੰਗ ਨਹੀਂ ਹੈ?

Options :

7155058481. ਨੀਲਾ-ਸੰਤਰੀ

7155058482. ਲਾਲ-ਹਰਾ

7155058483. ਨੀਲਾ-ਹਰਾ

7155058484. ਬੈਂਗਣੀ-ਪੀਲਾ

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

ਭਾਰਤ ਦੇ ਕਿਸ ਰਾਜ ਵਿੱਚ ਰਾਬਰਸ ਗੁਫਾ ਹੈ:

Options :

7155058485. ਹਿਮਾਚਲ ਪ੍ਰਦੇਸ਼

7155058486. ਉੱਤਰਾਖੰਡ

7155058487. ਉੱਤਰ-ਪ੍ਰਦੇਸ਼

7155058488. ਮੱਧ ਪ੍ਰਦੇਸ਼

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

ਹੇਠਾਂ ਦਿੱਤਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

ਪੈਟ੍ਰੋਨਾਸ ਮੀਨਾਰ ਕਿੱਥੇ ਸਥਿਤ ਹੈ:

Options :

7155058489. ਪੈਰਿਸ

7155058490. ਦੁਬਈ

7155058491. ਕੁਆਲਾ ਲੰਪੁਰ

7155058492. ਨਿਊਯਾਰਕ

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

ਕੇਨਾਰਕ ਮੰਦਰ ਕਿਸ ਰਾਜ ਵਿੱਚ ਹੈ?

Options :

7155058493. ਮੱਧ ਪ੍ਰਦੇਸ਼

7155058494. ਓਡੀਸ਼ਾ

7155058495. ਕਰਨਾਟਕ

7155058496. ਰਾਜਸਥਾਨ

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

ਕਮਲ ਮੰਦਰ ਦਾ ਆਰਕੀਟੈਕਟ ਹੈ?

Options :

7155058497. ਲੁਇਸ ਆਈ ਖਾਨ

7155058498. ਮੋਹਮੇ ਸੈਫਦੀ

7155058499. ਫਰਿਬੋਰਜ਼ ਸਭਾ

7155058500. ਰਿਚਰਡ ਮੇਯਰ

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

ਭਾਰ ਚੁੱਕਣ ਲਈ ਇੱਕ ਛੋਟੀ ਲਿਫਟ ਨੂੰ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:

Options :

7155058501. ਇੱਕ ਮਰੇ ਹੋਏ ਪਾਰਨੀ

7155058502. ਇੱਕ ਗੁੰਗੇ ਵਾਟਰ (ਵੇਟਰ)

7155058503. ਇੱਕ ਜੇਕੀ ਮੁੰਡਾ

7155058504. ਉੱਪਰ ਇੱਕ ਪੱਕਾ

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

ਜੇ ਅਕਸਰ ਉਡੀਸਾ ਦੇ ਦੋ ਸ਼ਹਿਰ ਵਜੋਂ ਦਰਸਾਉਂਦਾ ਹੈ

Options :

7155058505. ਭੁਵਨੇਸ਼ਵਰ-ਪੁਰੀ

7155058506. ਪੁਰੀ-ਕਟਕ

7155058507. ਭੁਵਨੇਸ਼ਵਰ-ਕਟਕ

7155058508. ਭੁਵਨੇਸ਼ਵਰ-ਰੁੜਕੇਲਾ

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

ਜੇ ਕਿ ਉਹਨਾਂ ਦੀ ਹੋਂਦ ਦੇ ਮਨੁੱਖੀ ਸੱਭਿਅਤਾ ਸ਼ਬਦ ਦਾ ਸਹੀ ਕਾਲਕ੍ਰਮ ਹੈ?

Options :

7155058509. ਮੈਸੋਪੋਟਾਮੀਆ-ਹੜੱਪਾ-ਮਿਸਰੀ-ਚੀਨੀ

7155058510. ਮੈਸੋਪੋਟਾਮੀਆ-ਮਿਸਰੀ-ਹੜੱਪਾ-ਚੀਨੀ

7155058511. ਮੈਸੋਪੋਟਾਮੀਆ-ਚੀਨੀ-ਹੜੱਪਾ-ਮਿਸਰੀ

7155058512. ਮਿਸਰੀ-ਮੈਸੋਪੋਟਾਮੀਆ-ਹੜੱਪਾ-ਸੁਮੇਰੀਅਨ

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

ਦਿੱਲੀ ਵਿੱਚ ਕੁਤੁਬ ਮੀਨਾਰ ਕਿਸਦੇ ਦੁਆਰਾ ਬਣਾਇਆ ਗਿਆ:

Options :

7155058513. ਸ਼ਾਹਜਹਾਂ

7155058514. ਜਹਾਂਗੀਰ

7155058515. ਅਕਬਰ

7155058516. ਕੁਤੁਬ ਓ-ਦੀਨ-ਐਬਕ

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

ਦੱਖਣੀ ਹੋਮਿ-ਗੋਲਾ ਵਿੱਚ ਤੁਹਾਨੂੰ ਸਾਲ ਭਰ ਵਿੱਚ ਪ੍ਰਤੀ (ਡਿਫਿਊਜ਼ਡ) ਰੋਸ਼ਨੀ ਦੀ ਚਮਕ ਮਿਲਦੀ ਹੈ?

Options :

7155058517. ਉੱਤਰ

7155058518. ਦੱਖਣ

7155058519. ਪੂਰਬ

7155058520. ਪੱਛਮੀ

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

ਜੈਪੁਰ ਦੇ ਮਸ਼ਹੂਰ ਜਵਾਹਰਲਾਲ ਕਲਾ ਕੰਪਲੈਕਸ ਦਾ ਆਰਕੀਟੈਕਟ ਹੈ?

Options :

7155058521. ਰਾਜ ਰੇਵਾਲ

7155058522. ਚਾਰਲਸ ਕੋਰੀਆ

7155058523. ਅਚਯੋਤ ਕਾਨਵੀਡੇ

7155058524. ਹਫ਼ੀਜ਼ ਕਾਨਟਰੈਕਟਰ

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

ਧਾਜ਼ੀ-ਕੇਵਾਰੀ ਦਾ ਪ੍ਰਸਿਧ ਰਚਨਾ ਸਟਾਇਲ ਕਿਹੜਾ ਹੈ

Options :

7155058525. ਤੱਟ ਦਾ ਖੇਤਰ

7155058526. ਮੈਦਾਨੀ

7155058527. ਪਹਾੜੀ-ਖੇਤਰ

7155058528. ਮਾਰੂਥਲ-ਖੇਤਰ

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

ਕਿਹੜਾ ਪੱਥਰ ਪਹਾੜੀ ਖੇਤਰ ਦੀ ਛੱਤ ਦੇ ਕੰਮ ਆਉਂਦਾ ਹੈ?

Options :

7155058529. ਮਾਰੂਥਲ

7155058530. ਗਰੇਨਾਈਟ

7155058531. ਸ਼ੈਲ

7155058532. ਸੈਂਡ-ਪੱਥਰ

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

ਚੰਡੀਗੜ੍ਹ ਕਿਸ ਪ੍ਰਕਾਰ ਦੀ ਸ਼ਹਿਰੀ ਪਲੈਨਿੰਗ ਦੀ ਉਦਾਹਰਣ ਹੈ।

Options :

7155058533. ਰੇਡੀਓ ਕੇਂਦਰੀ

7155058534. ਗਰਿਡ-ਆਇਰਨ

7155058535. ਲਿਨੀਅਰ

7155058536. ਆਰਗੈਨਿਕ

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

ਜੇਕਰ ਗੋਆ ਦੇ ਤੱਟ ਉੱਤੇ ਬਣਾਉਣਾ ਹੋਵੇ ਤਾਂ ਕਮਰੇ ਦਾ ਸਭ ਤੋਂ ਵਧਿਆ ਦ੍ਰਿਸ਼ ਹੋਵੇਗਾ।

Options :

7155058537. ਉੱਤਰ ਦਿਸ਼ਾ ਵਿੱਚ

7155058538. ਦੱਖਣ ਦਿਸ਼ਾ ਵਿੱਚ

7155058539. ਪੂਰਬੀ ਦਿਸ਼ਾ ਵਿੱਚ

7155058540. ਪੱਛਮ ਦਿਸ਼ਾ ਵਿੱਚ

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" ਰਾਸ਼ਟਰ ਸੰਸਥਾ ਆਫ ਫੈਸ਼ਨ ਤਕਨਾਲੋਜੀ ਦਿੱਲੀ ਵਿੱਚ ਕਿਸ ਨੇ ਡਿਜ਼ਾਇਨ ਕੀਤਾ:

Options :

7155058541. ਬੀ.ਵੀ.ਦੋਸ਼ੀ

7155058542. ਸੀ.ਪੀ.ਕੁਕਰੇਜਾ





7155058543. ਰਾਜ ਰੇਵਲ

7155058544. ਬਿਮਲ ਪਟੇਲ

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

ਸੁਚੀ। ਨੂੰ ਸੁਚੀ ॥ ਨਾਲ ਮਿਲਾਓ

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

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਸੁਚੀ। ਨੂੰ ਸੁਚੀ ॥ ਨਾਲ ਮਿਲਾਓ

LIST I		LIST II	
A.		I.	ਟੇਸਲਾ
B.		II.	ਫੀਰਾਚੀ
C.		III.	ਪੋਰਚੀ
D.		IV.	ਟੋਏਟਾ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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 : 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

ਹੇਠਾਂ ਦੇ ਵਾਕ ਦਿੱਤੇ ਗਏ ਹਨ:

ਕਥਨ I : ਲਾਲ, ਨੀਲਾ ਅਤੇ ਪੀਲਾ ਰੰਗ ਚੱਕਰ ਦੇ ਮੂਲ ਰੰਗਾਂ ਹੈ।

ਕਥਨ II : ਰੰਗ ਵੀਲ ਵਿੱਚ ਜਿਹੜੇ ਰੰਗ ਵਿਰੋਧੀ ਵਿੱਚ ਹੈ, ਉਹ ਮੁਫਤ ਰੰਗ ਹੈ

ਉਪਰੋਕਤ ਕਥਨਾਂ ਦੇ ਆਧਾਰ ਉੱਤੇ ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058553. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058554. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058555. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

7155058556. ਕਬਨ। ਗਲਤ ਹੈ ਪਰ ਕਬਨ ॥ ਸਹੀ ਹੈ

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

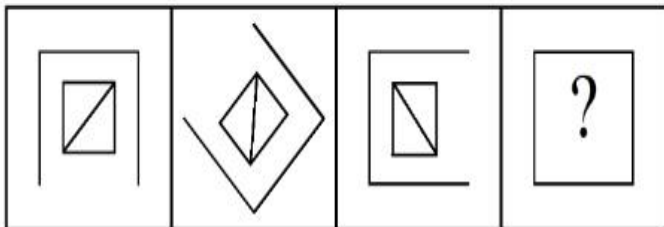
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

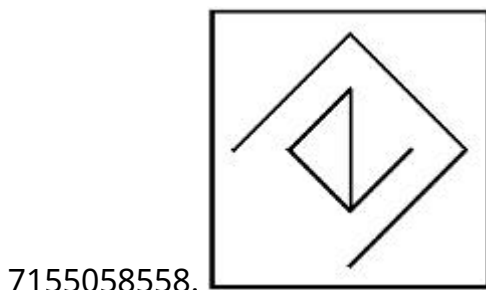
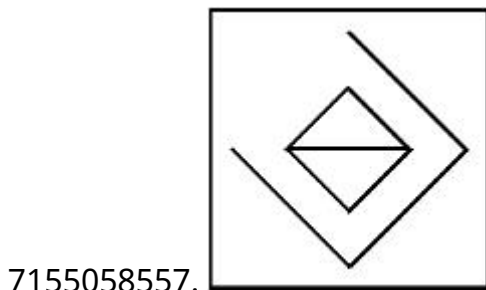
Correct Marks : 4 Wrong Marks : 1

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.

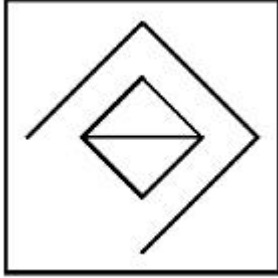
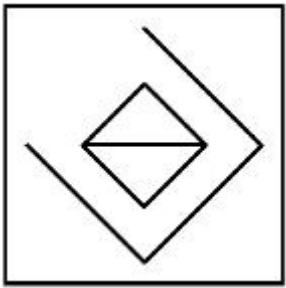
PROBLEM FIGURES



Options :



7155058559.



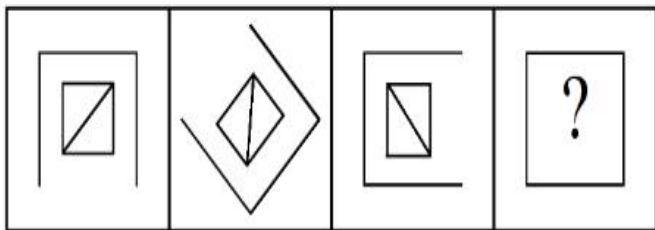
7155058560.

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

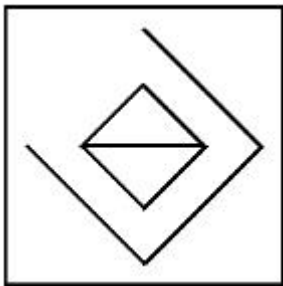
Correct Marks : 4 Wrong Marks : 1

ਹੇਠਾਂ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਉੱਤਰ ਚਿੱਤਰਾਂ ਦੇ ਨਾਲ ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦਿੱਤੇ ਹਨ। ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚੋਂ ਇੱਕ ਉੱਤਰ ਚੁਣੋ ਜੋ ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦੇ ਕ੍ਰਮ ਦੇ ਸਮਾਨ ਹੈ।

ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ

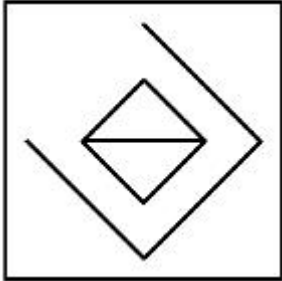
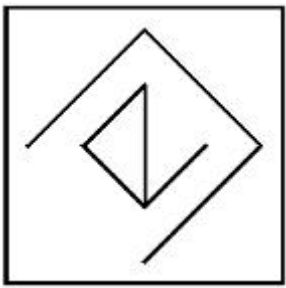


Options :

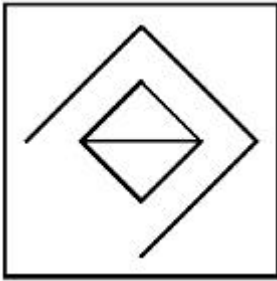


7155058557.

7155058558.



7155058559.

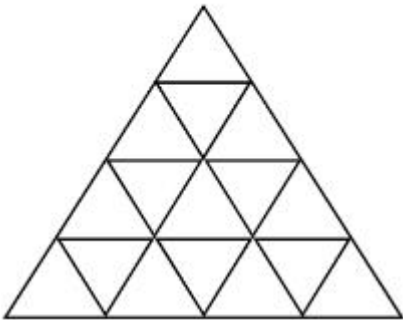


7155058560.

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

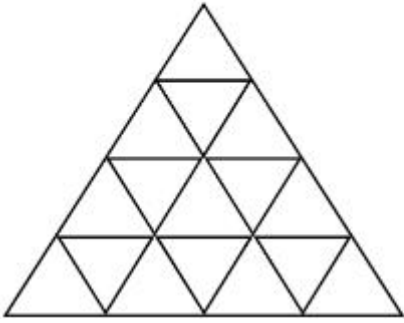
7155058563. 27

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

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚ ਕਿੰਨੇ ਤਿਕੁਜ਼ ਹਨ:



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

ਬੇਮੇਲ ਚੁਣੋ:

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

ਇੱਕ ਰਿਹਾਇਸ਼ੀ ਇਮਾਰਤ ਵਿੱਚ 15 ਮੰਜ਼ਲਾਂ ਹਨ। ਜ਼ਮੀਨੀ ਮੰਜ਼ਲ ਦੀ ਉਚਾਈ 4.2 ਮੀਟਰ ਹੈ (ਲੰਬਾਈ ਅਤੇ ਸਲੈਬ ਮੋਟਾਈ ਸਮੇਤ) ਬਾਕੀ ਸਾਰੀਆਂ ਮੰਜ਼ਲਾਂ 3.3 ਮੀਟਰ ਉਚੀਆਂ ਹਨ (ਸਲੈਬ ਮੋਟਾਈ) ਸਮੇਤ। ਇਮਾਰਤ ਦੀ ਕੁੱਲ ਉਚਾਈ (ਜ਼ਮੀਨ ਤੋਂ ਛੱਤ ਤੱਕ) ਮੀਟਰ ਵਿੱਚ ਕਿੰਨੀ ਹੈ।

Options :

7155058569. 45.6 ਮੀਟਰ

7155058570. 50 ਮੀਟਰ

7155058571. 50.4 ਮੀਟਰ

7155058572. 51.6 ਮੀਟਰ

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

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਦਾ ਪ੍ਰਤੀਬਿੰਬ ਚਿੱਤਰ ਪਛਾਣੋ:

Options :

7155058573. 22ECCU2

7155058574. 22ECCU2

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

ਇੱਕ ਨਕਸ਼ੇ ਦਾ ਸਕੇਲ 1:1000 ਹੈ। ਜੇਕਰ ਇੱਕ ਗੱਡੀ ਨਕਸ਼ੇ ਉੱਤੇ ਬਿੰਦੂ 'A' ਤੋਂ 'B' ਤੱਕ 7 cm ਚੱਲਦੀ ਹੈ। ਅਸਲ ਵਿੱਚ ਗੱਡੀ ਨੇ ਕਿੰਨੀ ਯਾਤਰਾ ਕੀਤੀ?

Options :

7155058577. 0.7 km

7155058578. 7000 mm

7155058579. 7 km

7155058580. 70 ਮੀਟਰ

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

ਇੱਕ ਲੈਂਡ ਦਾ ਮਾਪ 80 ਮੀਟਰ \times 40 ਮੀਟਰ ਹੈ, ਘਰ ਦੇ ਡਿਜ਼ਾਇਨ ਲਈ 1:100 ਸਕੇਲ ਉੱਤੇ

Options :

7155058581. 8 ਮੀਟਰ \times 4ਮੀਟਰ

7155058582. 80 ਮੀਟਰ \times 40 ਮੀਟਰ

7155058583. 8 ਸੈਂਟੀਮੀਟਰ \times 4 ਸੈਂਟੀਮੀਟਰ

7155058584. 4 ਮੀਟਰ \times 2 ਮੀਟਰ

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

ਕ੍ਰਮ ਦਾ ਲਾਪਤਾ ਅੰਕ ਪਛਾਣੋ:

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

ਅਗਰ ਗੁਪਤ ਭਾਸ਼ਾ ਵਿੱਚ ROMAN ਨੂੰ TQOCP ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਤਾਂ ITALY ਨੂੰ

Options :

7155058589. KVCMA

7155058590. KWCNB

7155058591. KUCLA

7155058592. KVCNA

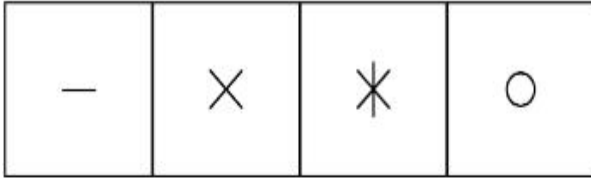
Question Number : 64 Question Id : 7155052714 Question Type : MCQ Option Shuffling : Yes Is

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

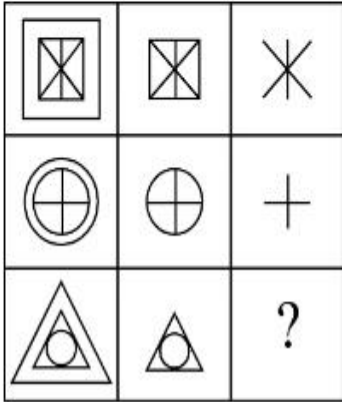
Instruction Time : 0

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


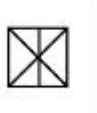






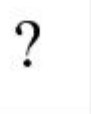
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਹੇਠ ਦਿੱਤੇ ਚਾਰ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਚਿੱਤਰ ਚੁਣੋ ਜਿਹੜਾ ਖਾਲੀ ਬਾਕਸ ਵਿੱਚ ਹੈ।

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

Options :

7155058593. D

7155058594. C

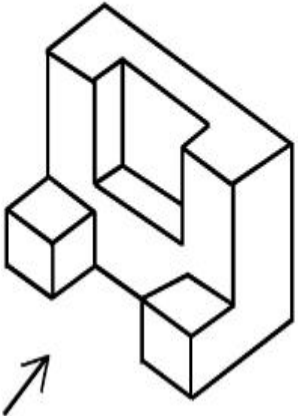
7155058595. B

7155058596. A

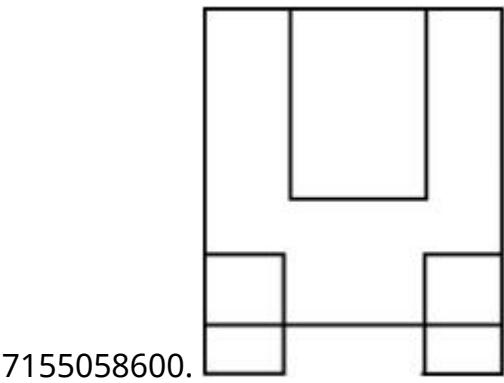
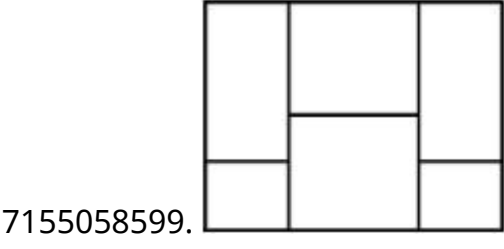
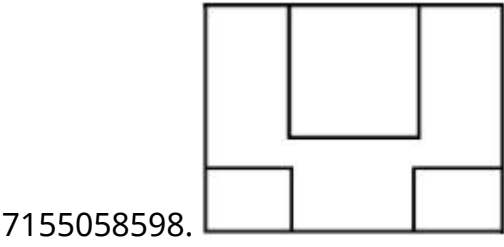
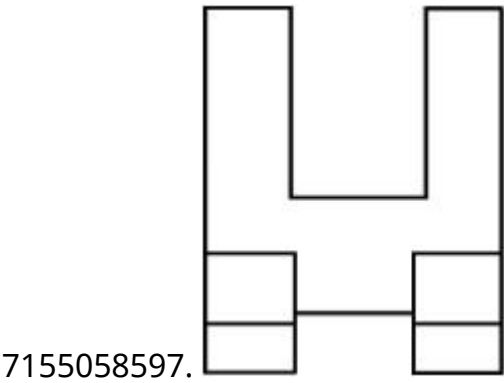
Question Number : 65 Question Id : 7155052715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.



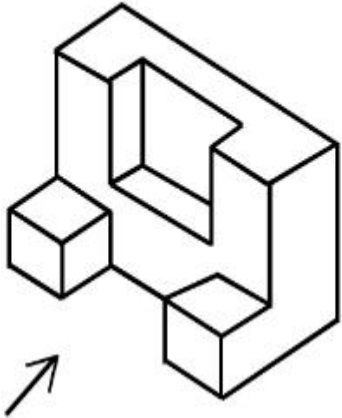
Options :



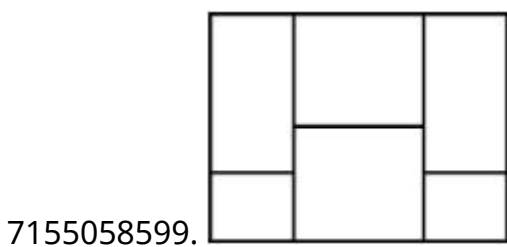
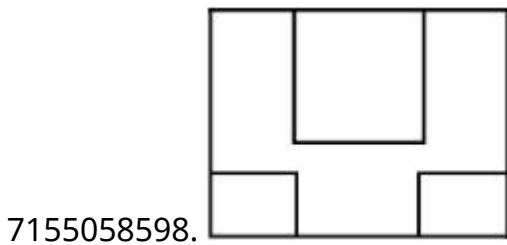
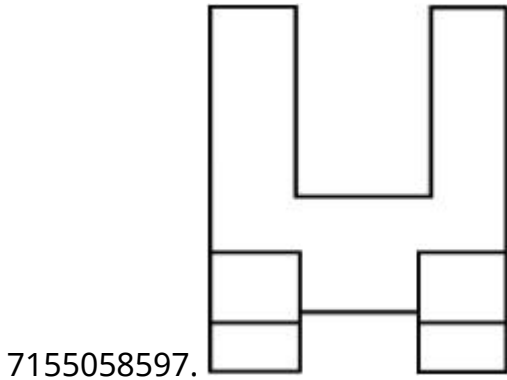
Question Number : 65 Question Id : 7155052715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

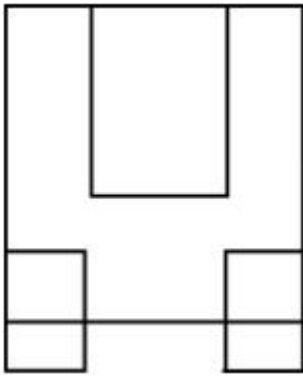
ਇੱਕ ਵਸਤੂ ਦਾ 3D ਦ੍ਰਿਸ਼ ਦਿੱਤਾ ਹੈ। ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵਿੱਚ ਵੇਖੋ: ਉੱਤਰ-ਚਿੱਤਰ ਵਿੱਚ ਸਭ ਤੋਂ ਵੱਧ ਐਲੀਵੇਸ਼ਨ ਦੀ ਪਛਾਣ ਕਰੋ।



Options :



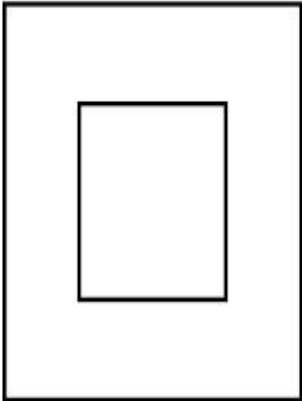
7155058600.



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

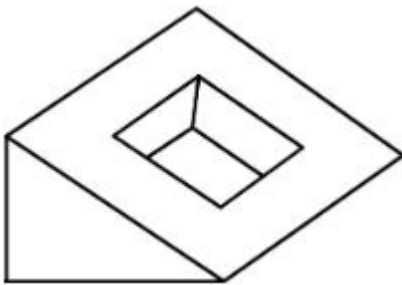
Correct Marks : 4 Wrong Marks : 1

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

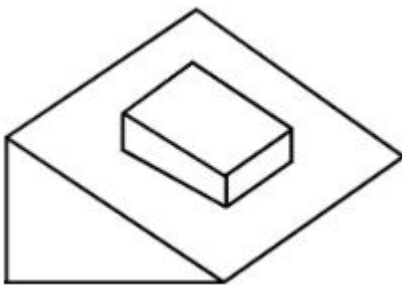


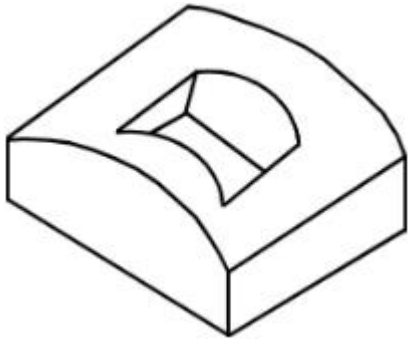
Options :

7155058601.

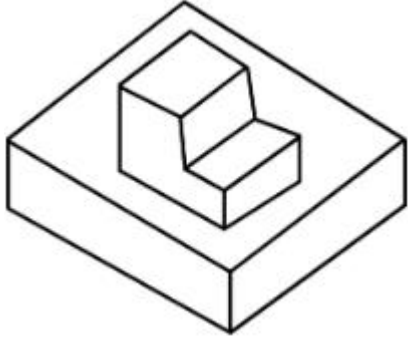


7155058602.





7155058603.

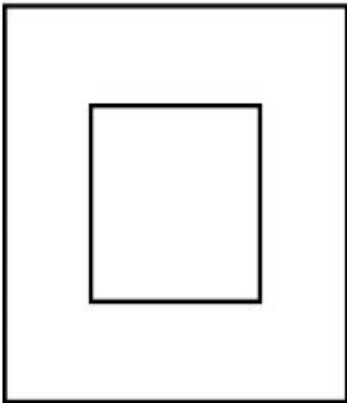


7155058604.

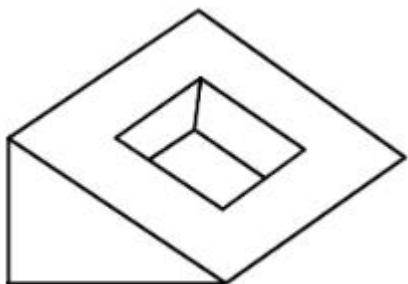
Question Number : 66 Question Id : 7155052716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਇੱਕ ਵਸਤੂ ਦਾ ਸੋਟੀ ਦ੍ਰਿਸ਼/ਪਲਾਨ ਹੈ। ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚੋਂ ਗਲਤ 3D ਦ੍ਰਿਸ਼ ਦੀ ਪਛਾਣ ਕਰੋ।

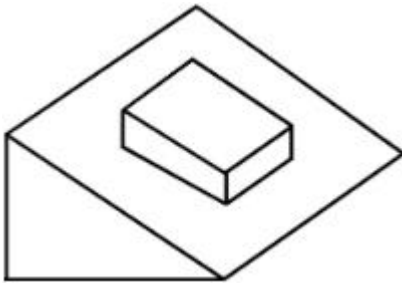


Options :

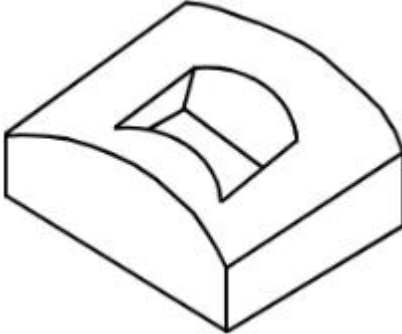


7155058601.

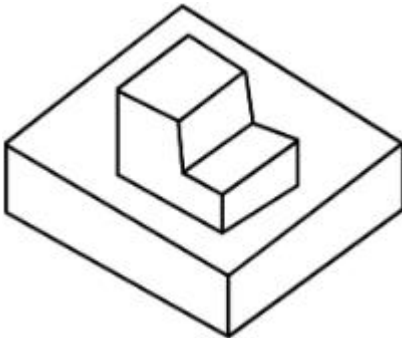
7155058602.



7155058603.



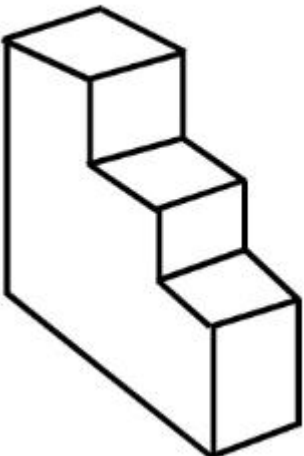
7155058604.



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

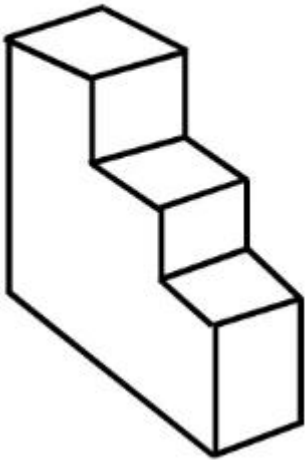
Question Number : 67 Question Id : 7155052717 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਇੱਕ ਵਸਤੂ ਦੀਆਂ ਕਿੰਨੀਆਂ ਸਤਹਾਂ ਹਨ?



Options :

7155058605. 9

7155058606. 10

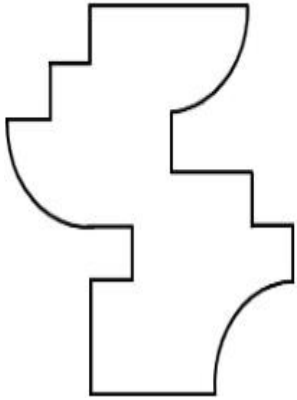
7155058607. 8

7155058608. 11

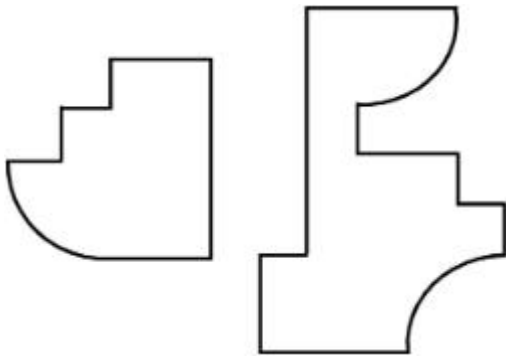
Question Number : 68 Question Id : 7155052718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

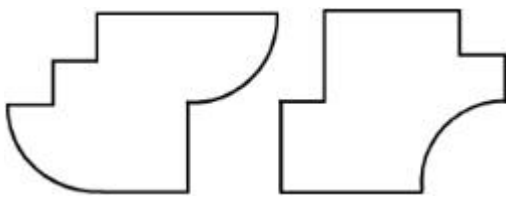
If the question figure is cut into two parts, which of the answer figures complete the question figure without any overlappings?



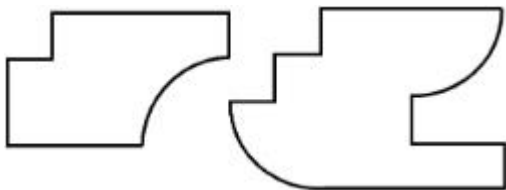
Options :



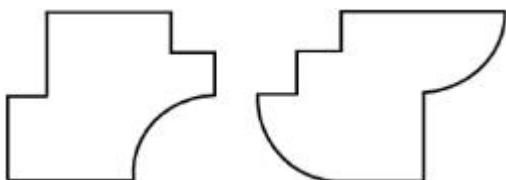
7155058609.



7155058610.



7155058611.



7155058612.

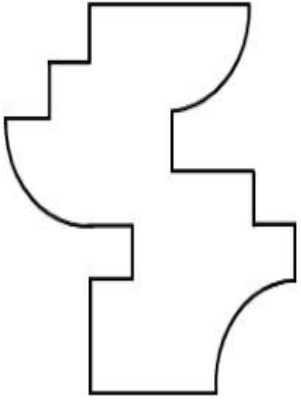
Question Number : 68 Question Id : 7155052718 Question Type : MCQ Option Shuffling : Yes Is

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

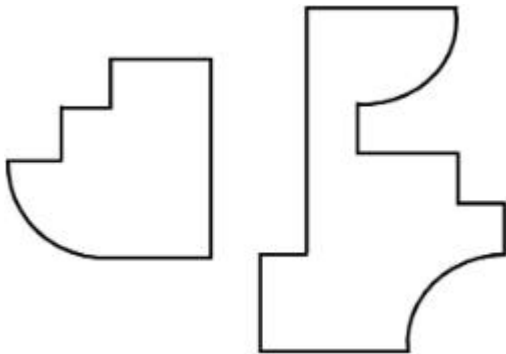
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

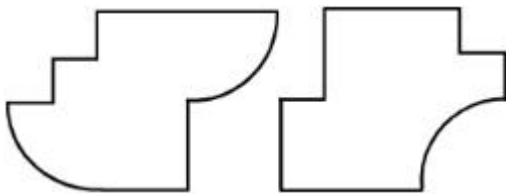
ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਨੂੰ ਦੋ ਭਾਗਾਂ ਵਿੱਚ ਕੱਟਿਆ ਗਿਆ ਹੈ, ਕਿਹੜਾ ਉੱਤਰ ਚਿੱਤਰ ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦਾ ਪੂਰਕ ਹੈ ਬਿਨਾਂ ਉੱਪਰ ਚੜ੍ਹੇ?



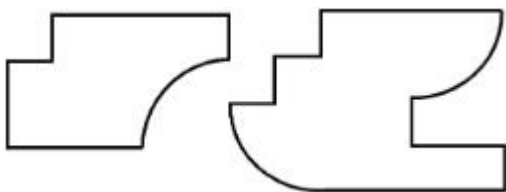
Options :



7155058609.

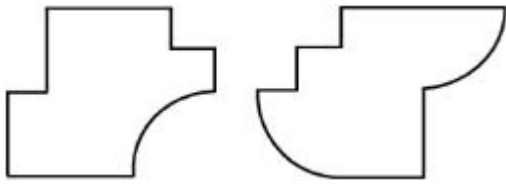


7155058610.



7155058611.

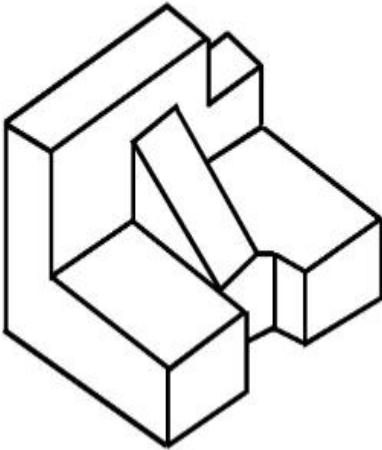
7155058612.



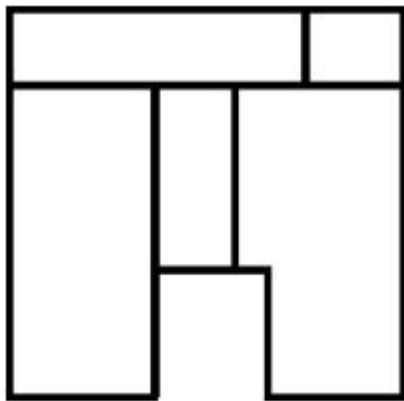
Question Number : 69 Question Id : 7155052719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

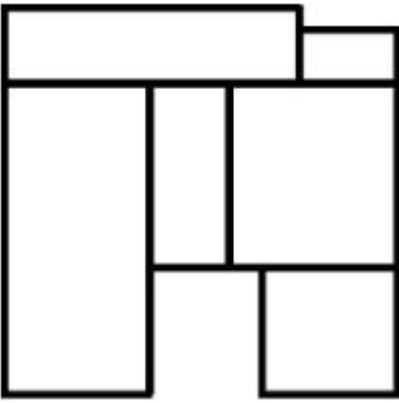


Options :

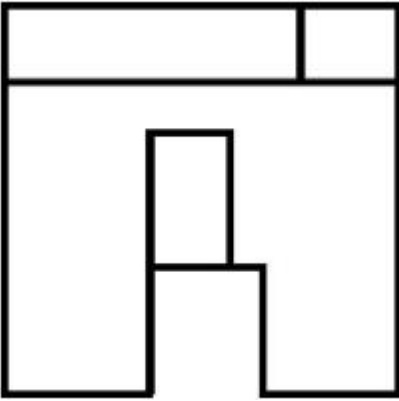


7155058613.

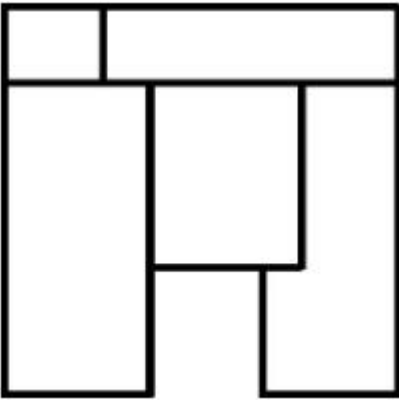
7155058614.



7155058615.



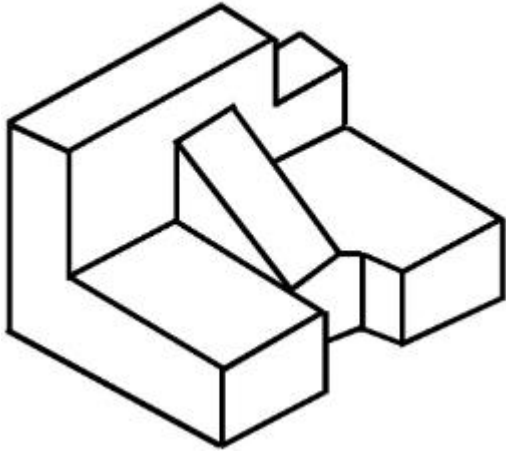
7155058616.



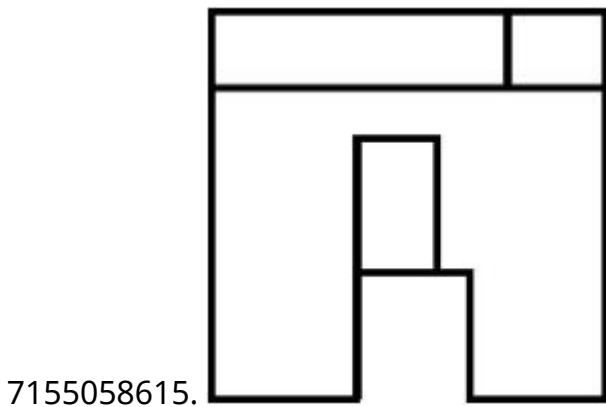
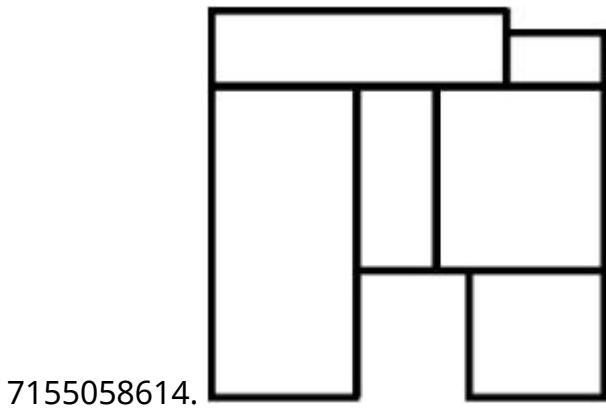
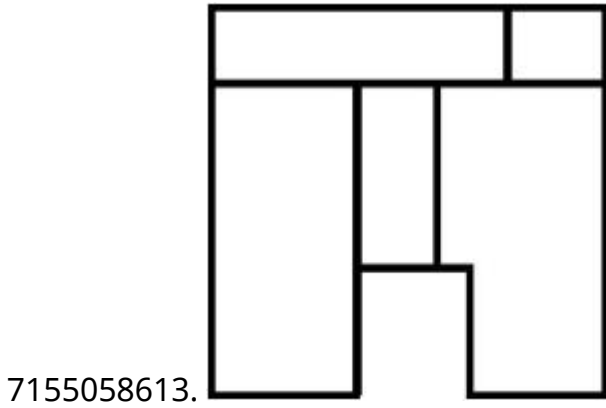
**Question Number : 69 Question Id : 7155052719 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

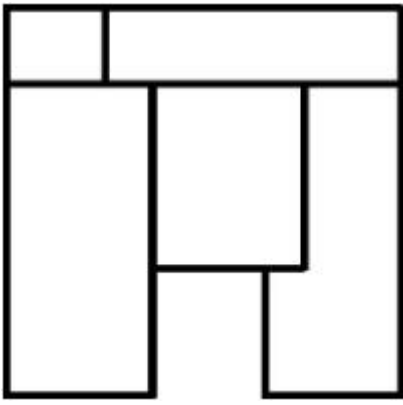
ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਇੱਕ ਵਸਤੂ ਦਾ 3D-ਦ੍ਰਿਸ਼ ਹੈ। ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚੋਂ ਸਭ ਤੋਂ ਸਹੀ ਚੋਟੀ ਦ੍ਰਿਸ਼ ਚੁਣੋ।



Options :



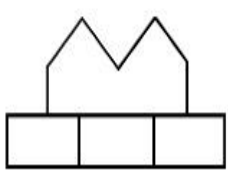
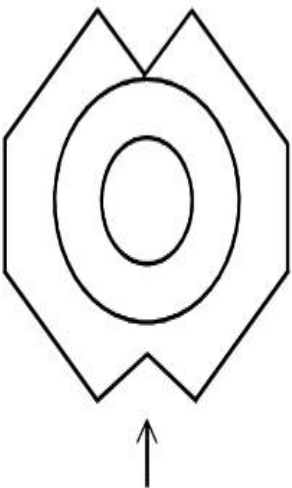
7155058616.



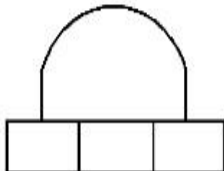
Question Number : 70 Question Id : 7155052720 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

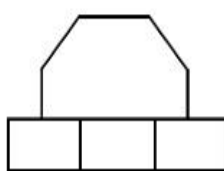
Identify the correct elevation when you look into the object from the marked arrow side of the plan of the object.



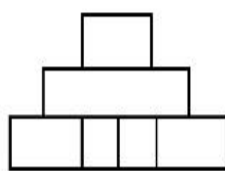
A



B



C



D

Options :

7155058617. D

7155058618. A

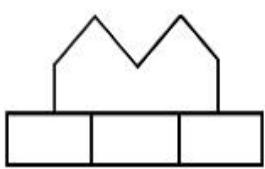
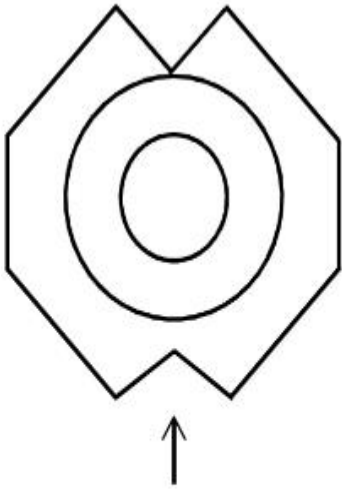
7155058619. B

7155058620. C

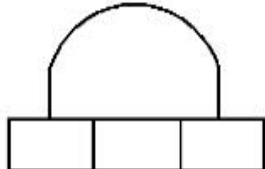
Question Number : 70 Question Id : 7155052720 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

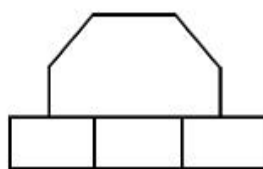
ਇੱਕ ਵਸਤੂ ਦੇ ਪਲਾਨ ਵਿੱਚ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵਿੱਚ ਵਸਤੂ ਨੂੰ ਵੇਖੋ ਅਤੇ ਸਹੀ ਐਲੀਵੇਸ਼ਨ ਦੀ ਪਛਾਣ ਕਰੋ।



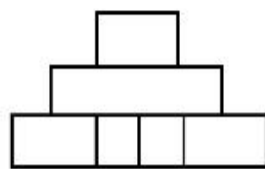
A



B



C



D

Options :

7155058617. D

7155058618. A

7155058619. B

7155058620. C

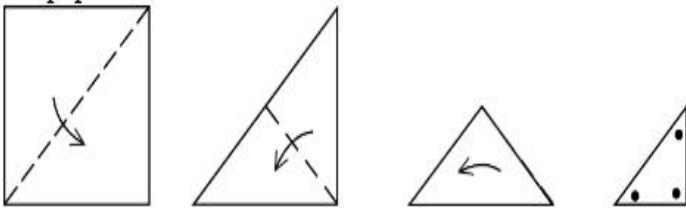
Question Number : 71 Question Id : 7155052721 Question Type : MCQ Option Shuffling : Yes Is

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

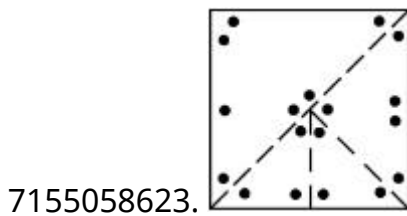
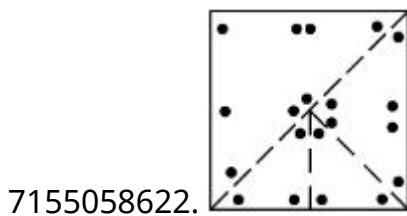
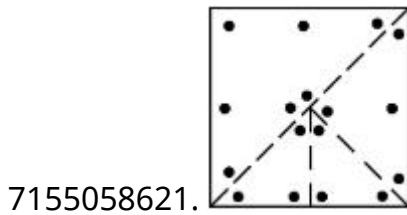
Instruction Time : 0

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 :



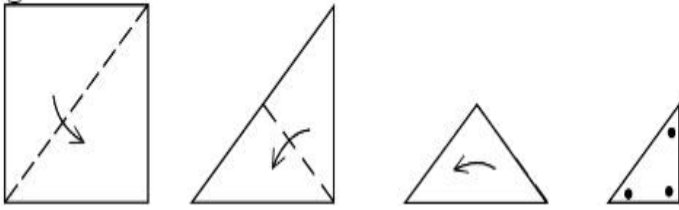
Question Number : 71 Question Id : 7155052721 Question Type : MCQ Option Shuffling : Yes Is

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

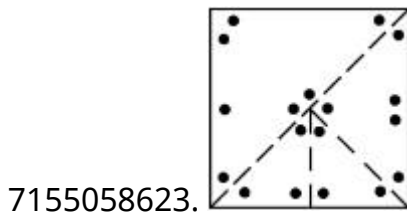
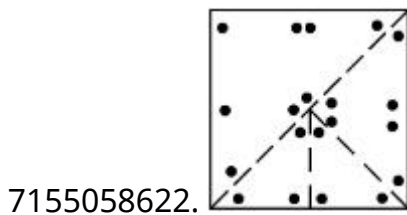
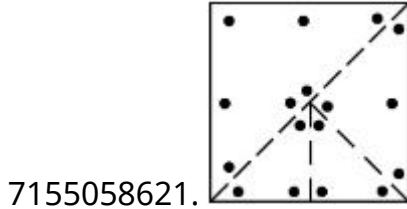
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਇੱਕ ਕਾਰਜ ਨੂੰ ਦਿੱਤੇ ਪੈਟਰਨ ਵਿੱਚ ਫੋਲਡ ਕੀਤਾ ਅਤੇ ਇਸ ਨੂੰ ਸਿਰੇ ਤੋਂ ਕੱਟਿਆ ਗਿਆ ਹੈ। ਕਾਰਜ ਨੂੰ ਖੋਲ੍ਹੋ ਅਤੇ ਪੈਟਰਨ ਨੂੰ ਪਛਾਣੋ



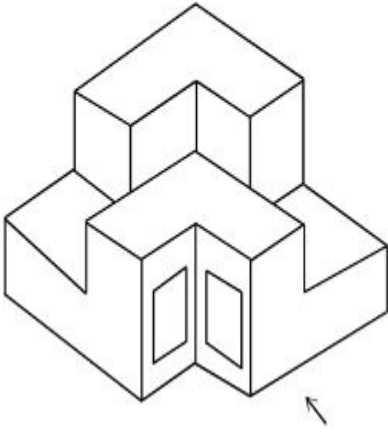
Options :



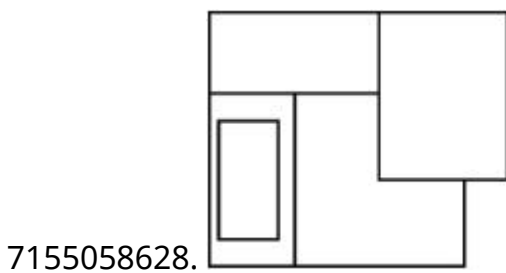
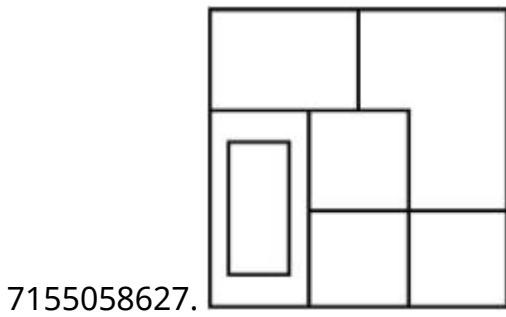
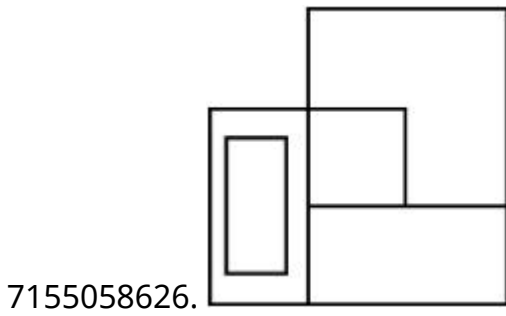
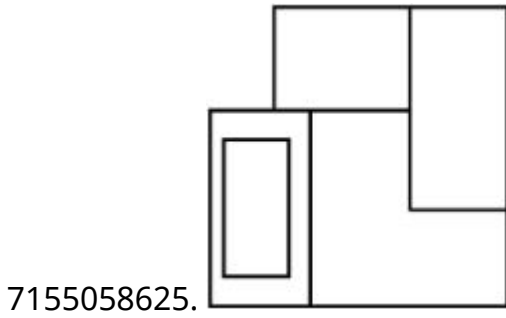
Question Number : 72 Question Id : 7155052722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.



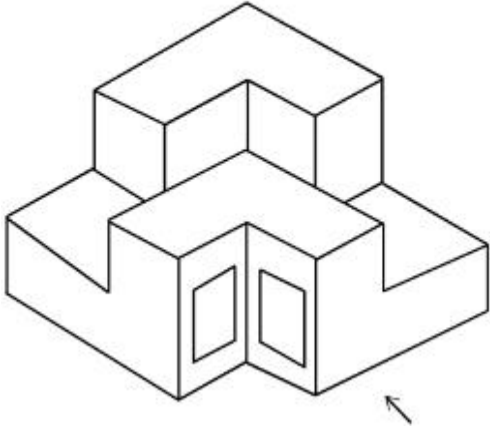
Options :



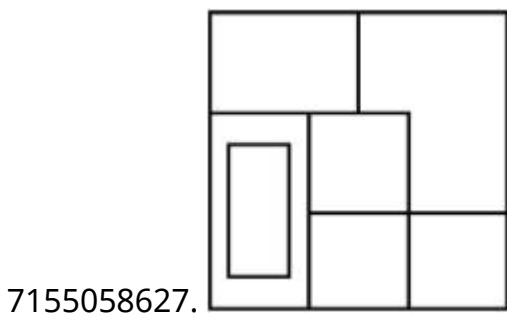
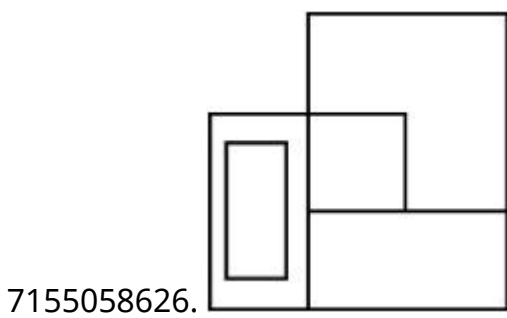
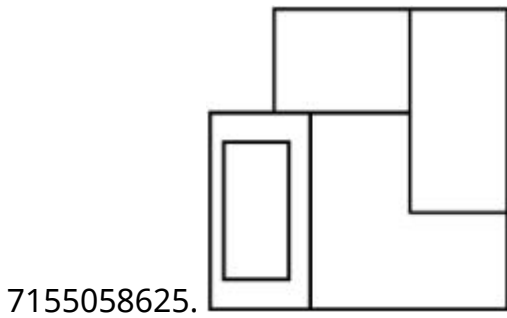
Question Number : 72 Question Id : 7155052722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

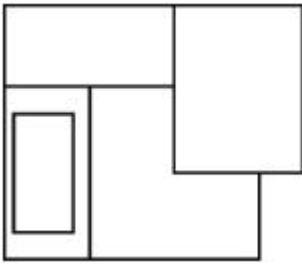
ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਵਿੱਚ ਇੱਕ ਵਸਤੂ ਦਾ 3-D ਦ੍ਰਿਸ਼ ਹੈ। ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵਿੱਚ ਵੇਖੋ, ਸਹੀ ਦ੍ਰਿਸ਼ ਦੀ ਪਛਾਣ ਕਰੋ।



Options :



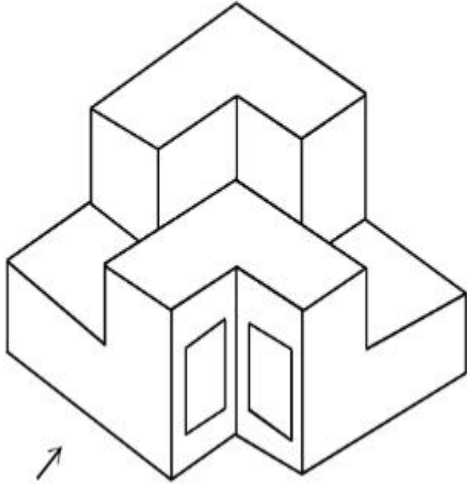
7155058628.



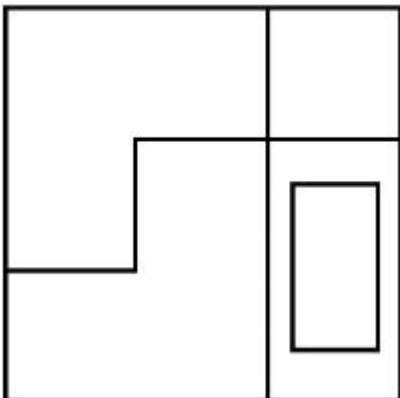
Question Number : 73 Question Id : 7155052723 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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.

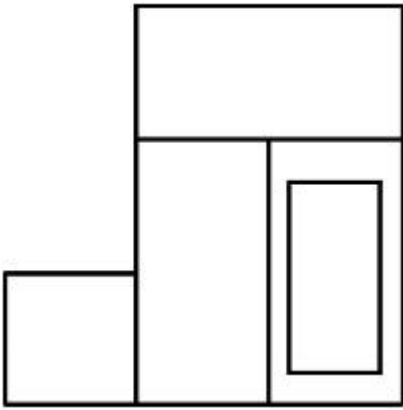


Options :

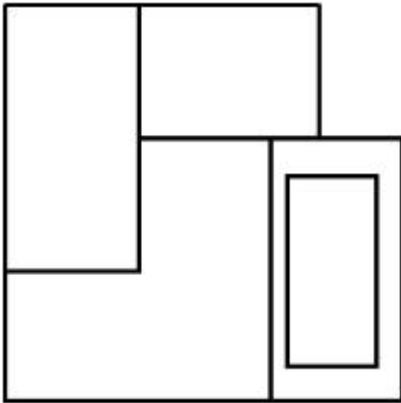


7155058629.

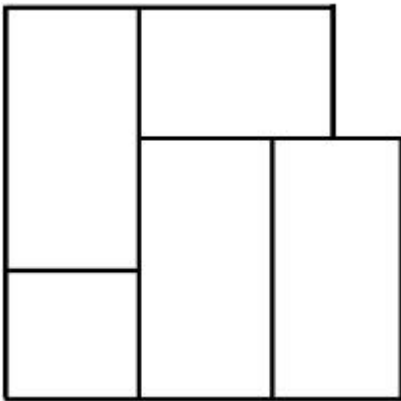
7155058630.



7155058631.



7155058632.



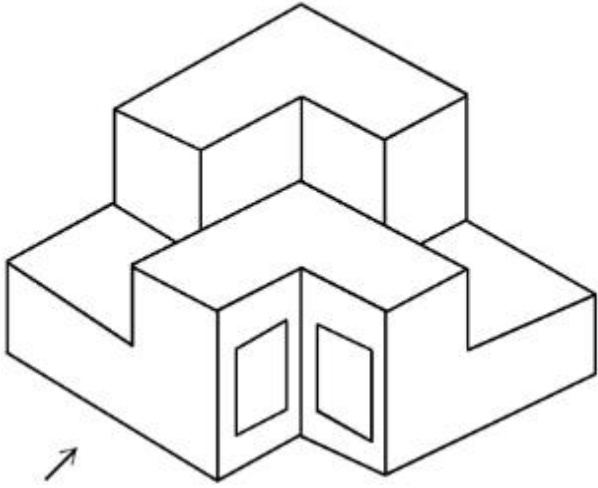
Question Number : 73 Question Id : 7155052723 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

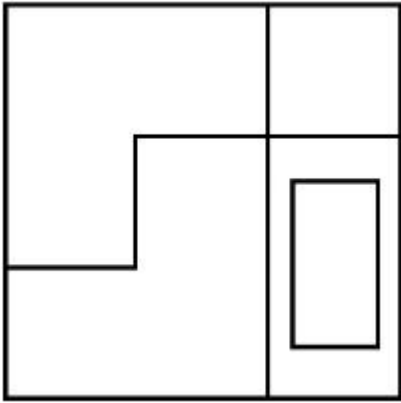
Correct Marks : 4 Wrong Marks : 1

ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਇੱਕ ਵਸਤੂ ਦਾ 3-D ਦ੍ਰਿਸ਼ ਹੈ। ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵਿੱਚ ਵੇਖੋ ਅਤੇ ਸਹੀ ਦ੍ਰਿਸ਼ ਦੀ ਪਛਾਣ ਕਰੋ।

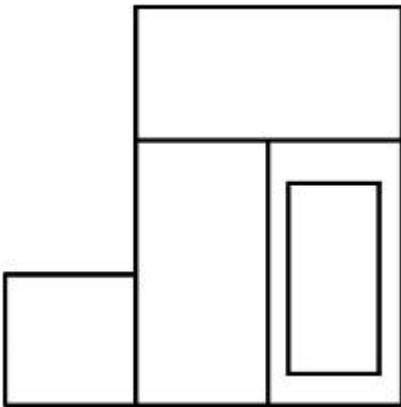


Options :

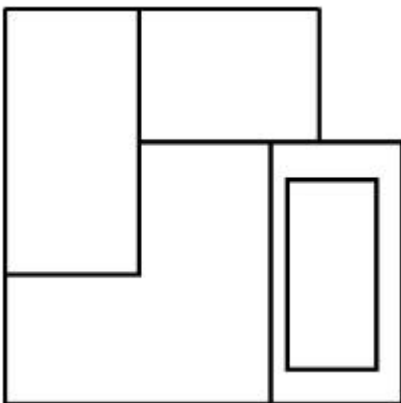
7155058629.



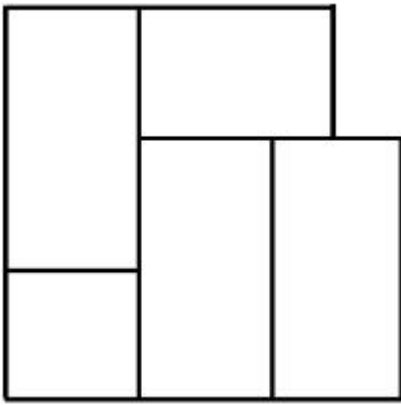
7155058630.



7155058631.



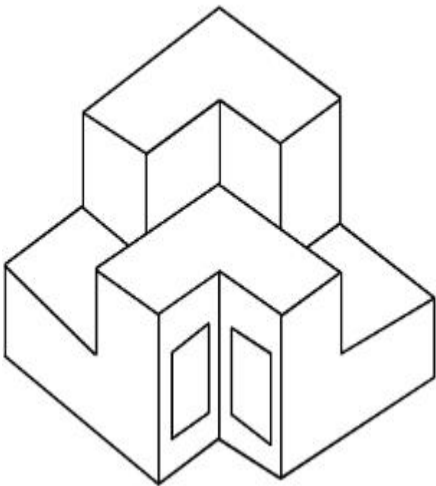
7155058632.



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

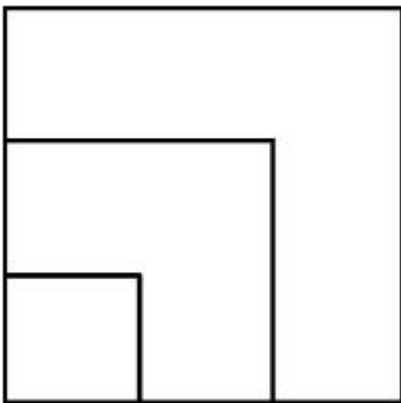
Correct Marks : 4 Wrong Marks : 1

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

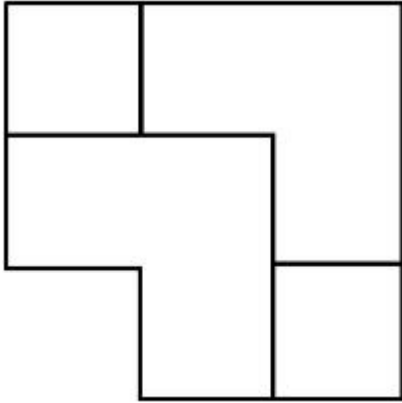
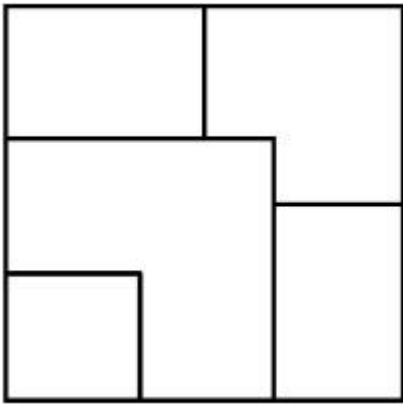


Options :

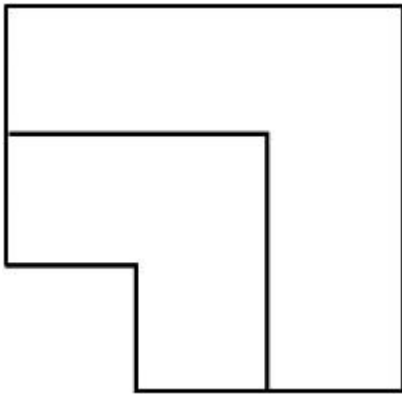
7155058633.



7155058634.



7155058635.



7155058636.

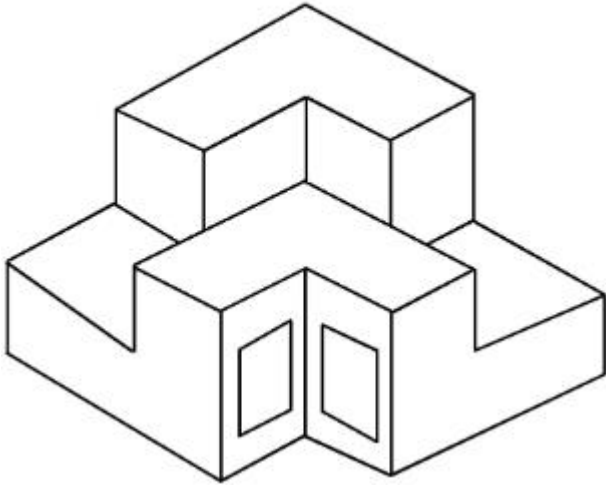
Question Number : 74 Question Id : 7155052724 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

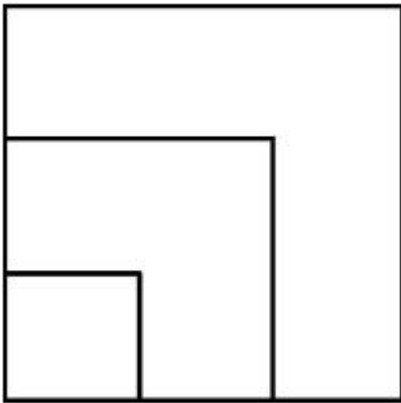
Correct Marks : 4 Wrong Marks : 1

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ 3-D ਵਸਤੂ ਦੇ ਸਹੀ ਪਲਾਨ ਦੀ ਪਛਾਣ ਕਰੋ, ਚੋਟੀ ਦੀ ਦ੍ਰਿਸ਼ਾਂ ਵਿੱਚੋਂ

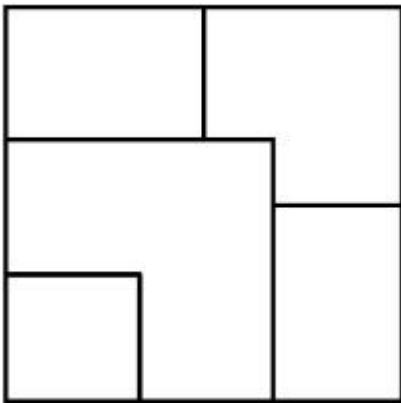


Options :

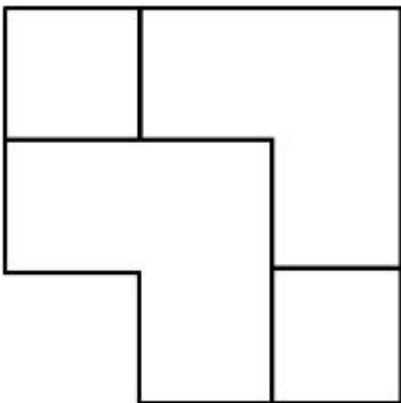
7155058633.

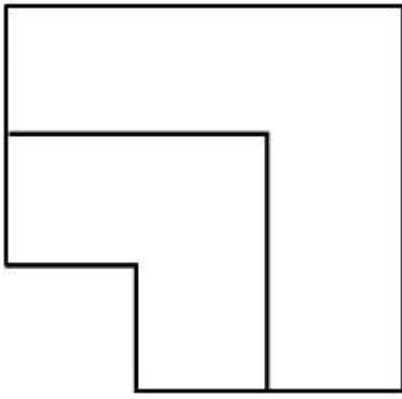


7155058634.



7155058635.



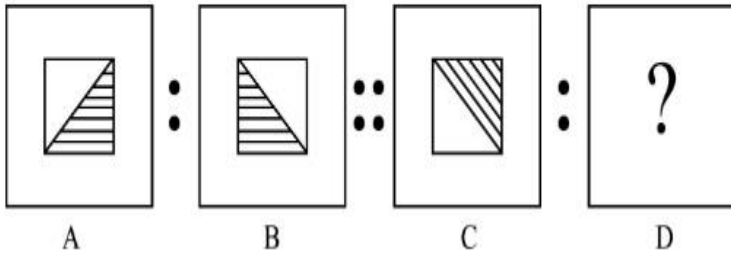


7155058636.

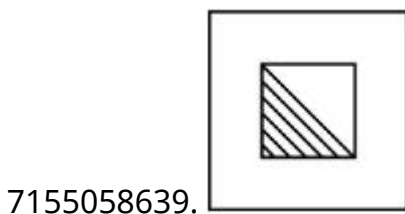
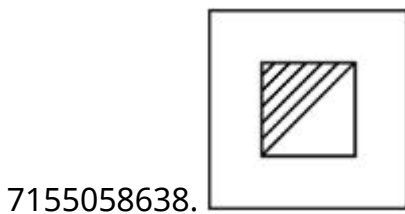
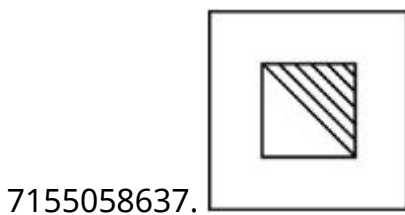
Question Number : 75 Question Id : 7155052725 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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 :



7155058640.



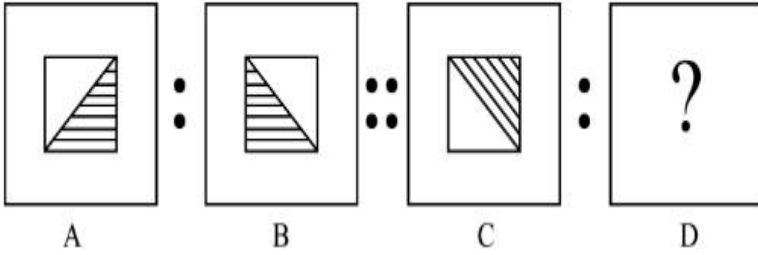
Question Number : 75 Question Id : 7155052725 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦੇ ਪਹਿਲੇ ਭਾਗ ਦੇ ਦੂਜੇ ਚਿੱਤਰ ਪਹਿਲੇ ਚਿੱਤਰ ਨਾਲ ਇੱਕ ਨਾਤਾ ਹੈ, ਮਿਲਦਾ-ਜੁਲਦਾ, ਦੂਜੇ ਭਾਗ ਦੀ ਪਹਿਲਾ ਚਿੱਤਰ ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚ ਇੱਕ ਚਿੱਤਰ ਨਾਲ ਨਾਤਾ ਹੈ। ਹੇਠਾਂ ਦਿੱਤੇ ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

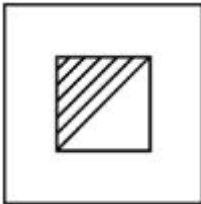


Options :

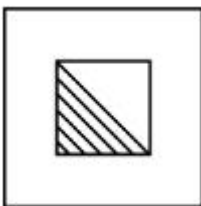
7155058637.



7155058638.



7155058639.



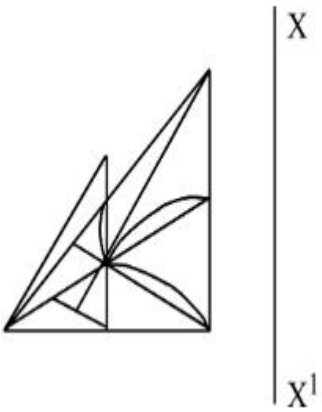
7155058640.



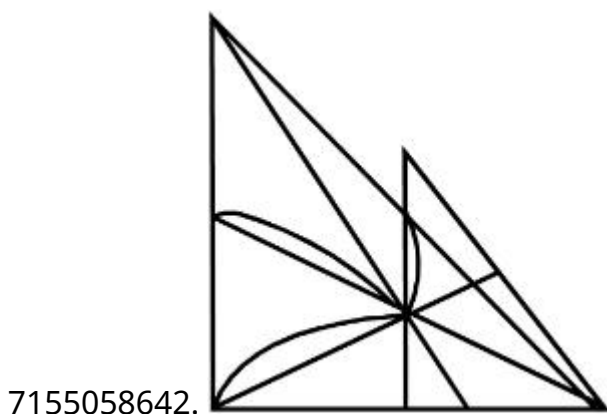
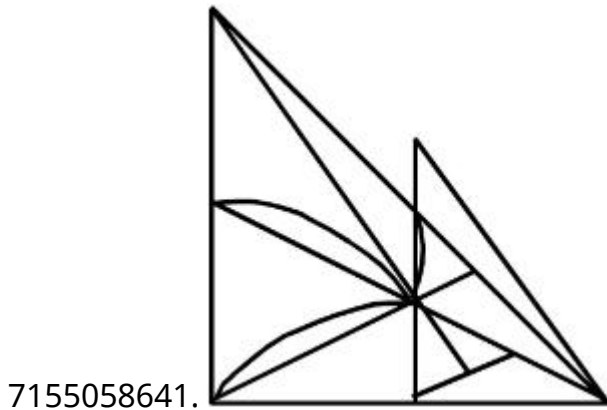
Question Number : 76 Question Id : 7155052726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



Options :

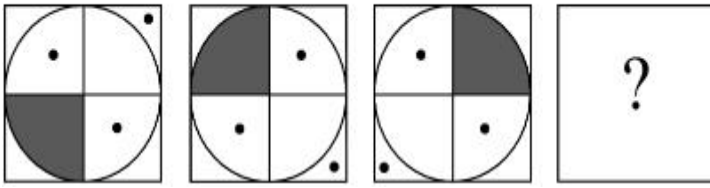


Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

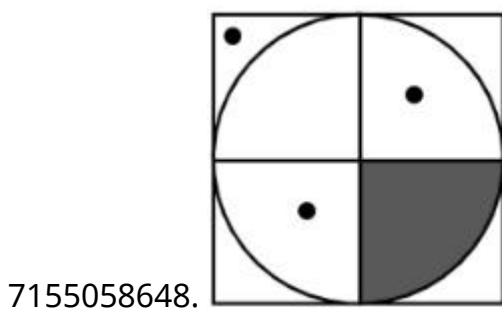
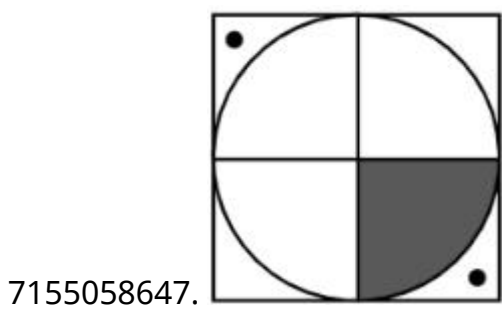
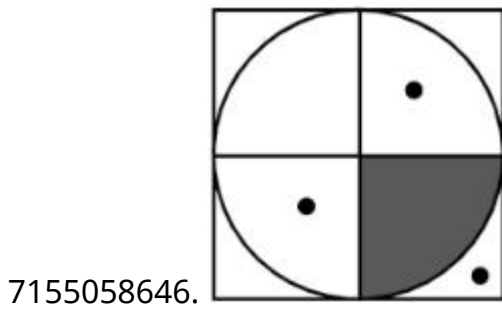
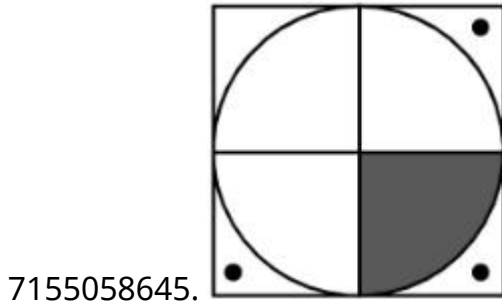
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



Options :



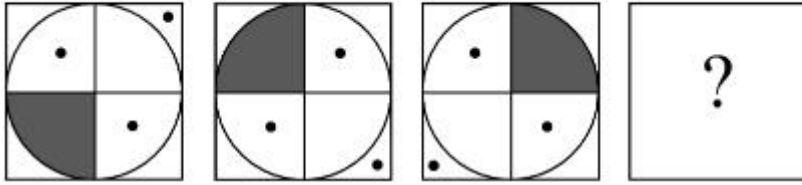
Question Number : 77 Question Id : 7155052727 Question Type : MCQ Option Shuffling : Yes Is

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

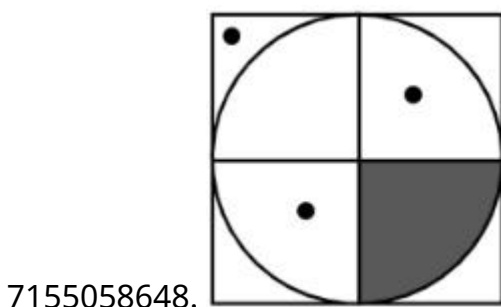
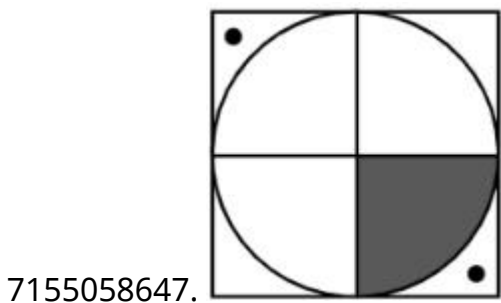
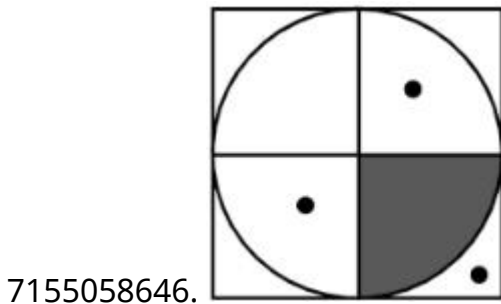
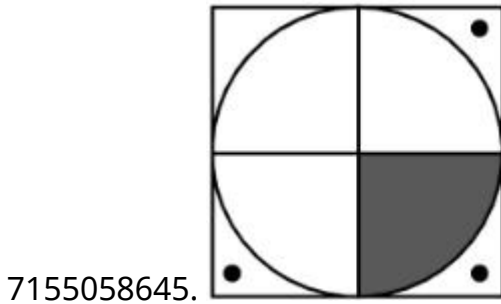
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਹੇਠਾਂ ਦਿੱਤੇ ਉੱਤਰਾਂ (ਜਵਾਬ) ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ ਜਿਹੜਾ ਕ੍ਰਮ ਨੂੰ ਪੂਰਾ ਕਰਦਾ ਹੈ।



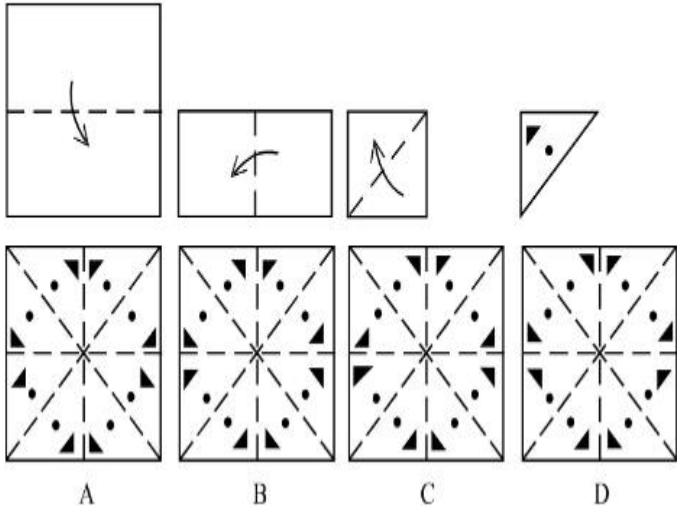
Options :



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

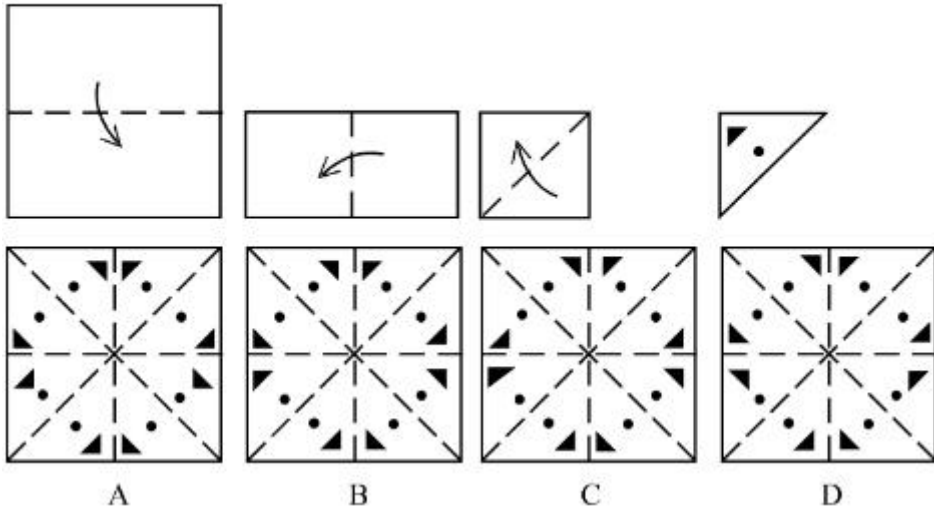
7155058651. D

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

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚੋਂ ਗੁਮਿਆ ਕ੍ਰਮ ਚੁਣੋ?



Options :

7155058649. B

7155058650. A

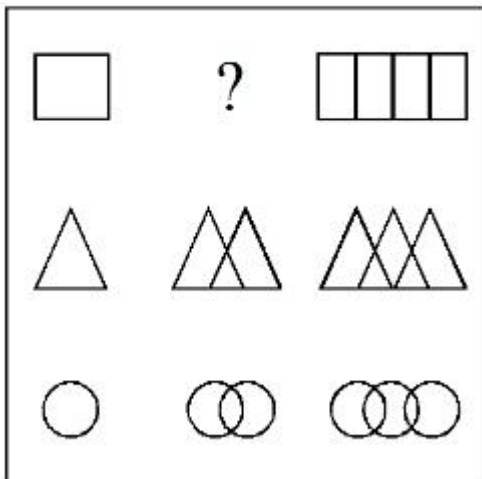
7155058651. D

7155058652. C

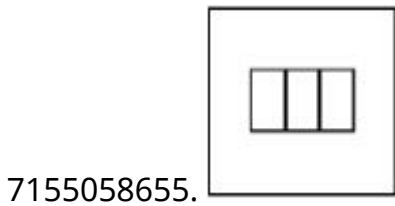
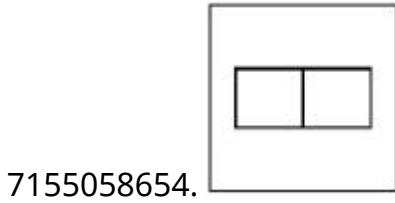
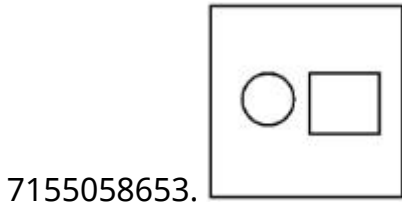
Question Number : 79 Question Id : 7155052729 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the figure mentioned below find the missing series:-



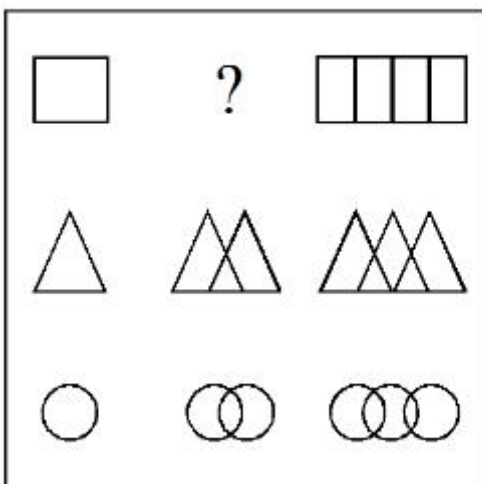
Options :



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

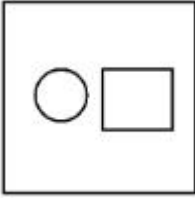
Correct Marks : 4 Wrong Marks : 1

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚੋਂ ਗੁਮਿਆ ਕ੍ਰਮ ਚੁਣੋ:-

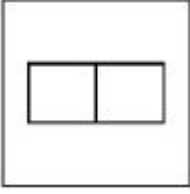


Options :

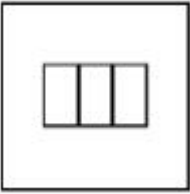
7155058653.



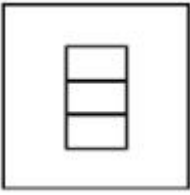
7155058654.



7155058655.

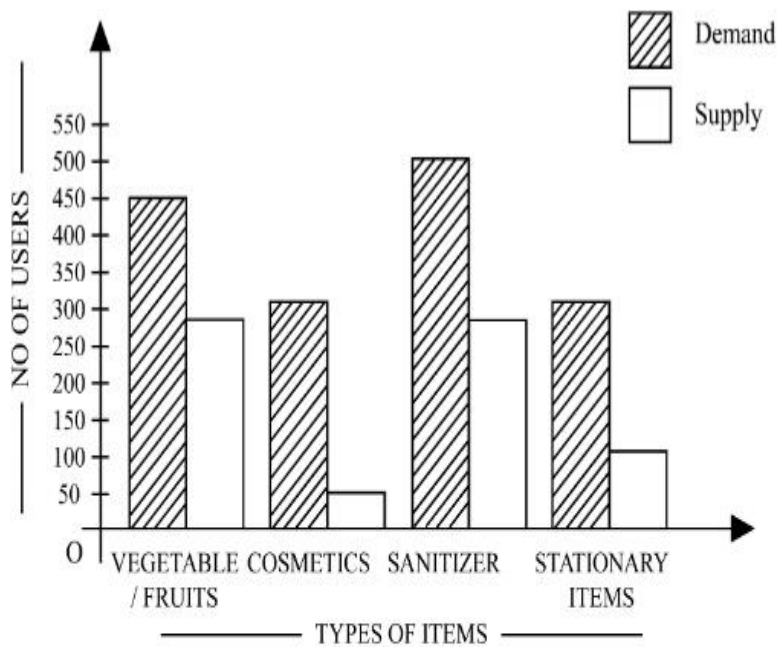


7155058656.



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

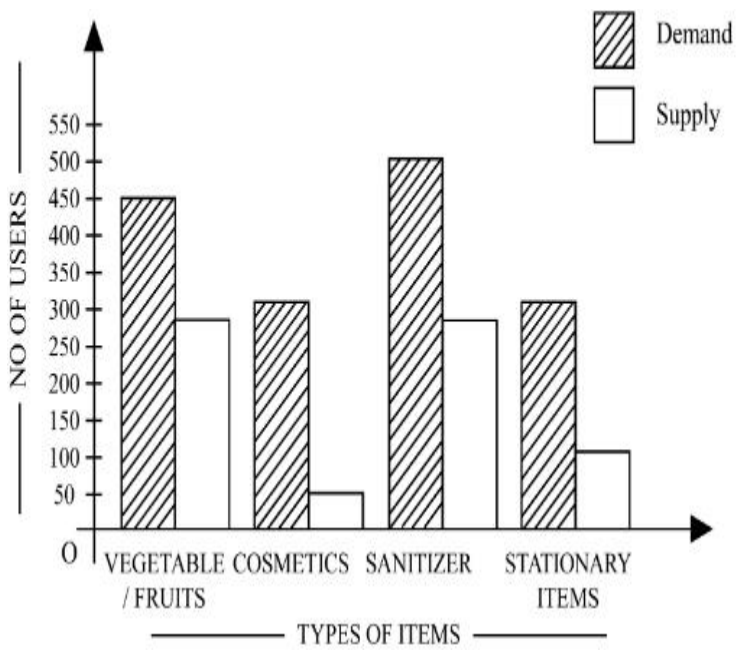
7155058660. B, C and D only

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



ਚਿੱਤਰ ਵੱਖ-ਵੱਖ ਵਸਤੂਆਂ ਲਈ ਵੱਖ-ਵੱਖ ਵਰਤੋਂ ਦੀ ਸਪਲਾਈ ਅਤੇ ਮੰਗ ਨੂੰ ਦਰਸਾਉਂਦਾ ਹੈ। ਹੇਠਾਂ ਦਿੱਤਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜੀ/ਕਿਹੜੀਆਂ ਸਹੀ ਹੈ

- A. ਸੈਨੇਟਾਈਜ਼ਰ 50% ਮੰਗ ਨੂੰ ਪੂਰਾ ਕਰਦੇ ਹਨ
- B. ਕਾਸਮੈਟਿਕਸ ਦੀ ਸਭ ਤੋਂ ਘੱਟ ਸਪਲਾਈ ਹੁੰਦੀ ਹੈ
- C. ਸਾਰਿਆਂ ਵਿੱਚੋਂ 2 ਵਸਤੂਆਂ ਵਿੱਚੋਂ ਸਮਾਨ ਮੰਗ ਹੈ ਪਰ ਸਪਲਾਈ ਵਿੱਚ ਵੱਖਰੀ ਹੈ
- D. ਸਾਰਿਆਂ ਵਿੱਚੋਂ 2 ਵਸਤੂਆਂ ਵਿੱਚੋਂ ਮੰਗ ਅਤੇ ਸਪਲਾਈ ਸਮਾਨ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:-

Options :

7155058657. ਕੇਵਲ B ਅਤੇ D

7155058658. ਕੇਵਲ A ਅਤੇ B

7155058659. ਕੇਵਲ A ਅਤੇ C

7155058660. ਕੇਵਲ B, C ਅਤੇ D

Planning

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

ਜਦੋਂ ਇੱਕ ਆਦਮੀ ਦਾ ਜੀਵਿਕਾ ਮਿਆਰ ਘੱਟ ਤੋਂ ਘੱਟ ਲੈਵਲ ਦਾ ਨਹੀਂ ਹੈ, ਦੂਜੇ ਦੀ ਤੁਲਨਾ ਵਿੱਚ, ਇੱਕ ਹੀ ਵਕਤ ਅਤੇ ਜਗ੍ਹਾਂ ਉੱਤੇ ਕੀ ਕਹਿੰਦੇ ਨੇ?

Options :

7155058661. ਕੰਗਾਲੀ

7155058662. ਜ਼ਿਆਦਾ

7155058663. ਬਥੇਰਾ

7155058664. ਠਾਠ

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

ਗ੍ਰੀਸ ਵਿੱਚ ਐਕਰੋਪੋਲਿਸ ਹੈ:

Options :

7155058665. ਕਚਹਿਰੀ

7155058666. ਸਿਟਾਡੈਲ ਉੱਚੇ ਲੈਂਡ ਉੱਤੇ

7155058667. ਖੁੱਲਾ ਹਵਾਦਾਰ ਨਾਟਕਸ਼ਾਲਾ

7155058668. ਗ੍ਰੇਟ ਬਾਥ

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

ਜ਼ਮੀਨ ਦੇ ਇਸਤੇਮਾਲ ਲਈ ਨਕਸ਼ੇ ਵਿੱਚ ਮਨੋਰੰਜਨ ਪ੍ਰਯੋਗ ਨੂੰ ਕੀ ਰੰਗ ਦਿੱਤਾ ਹੈ

Options :

7155058669. ਪੀਲਾ

7155058670. ਹਰਾ

7155058671. ਬੈਂਗਲੀ

7155058672. ਨੀਲਾ

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

ਕਥਨ I : ਦਿੱਲੀ ਸ਼ਹਿਰ ਦਾ ਪਲੈਨ ਰੈਡੀਅਲ ਹੈ

ਕਥਨ II: ਦਿੱਲੀ ਸ਼ਹਿਰ ਦਾ ਪਲੈਨ ਗ੍ਰਿਡ-ਲੋਹੇ ਦੀ ਫਾਰਮ ਦਾ ਹੈ

ਉੱਪਰ ਦਿੱਤੇ ਕਥਨਾਂ ਦੀ ਰੋਸ਼ਨੀ ਵਿੱਚ, ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058673. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058674. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058675. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

7155058676. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

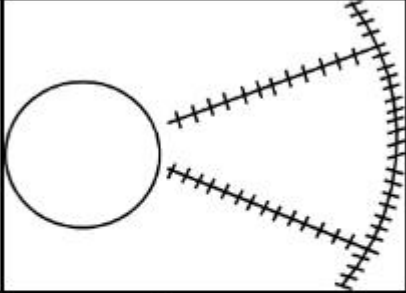
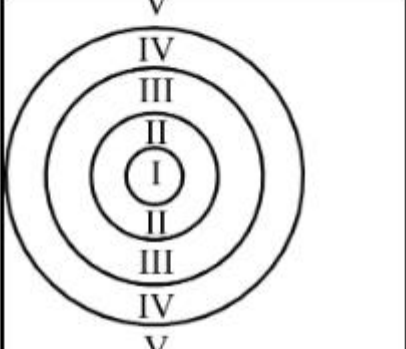
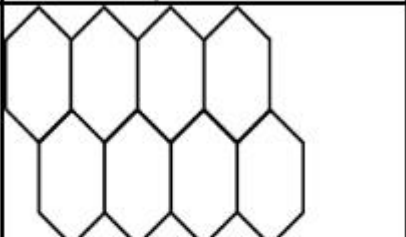
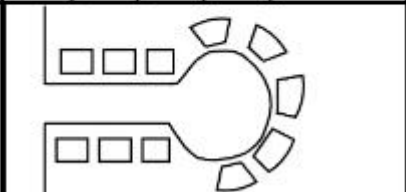
Question Number : 85 Question Id : 7155052735 Question Type : MCQ Option Shuffling : Yes Is

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

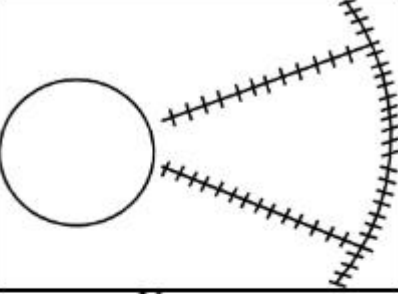
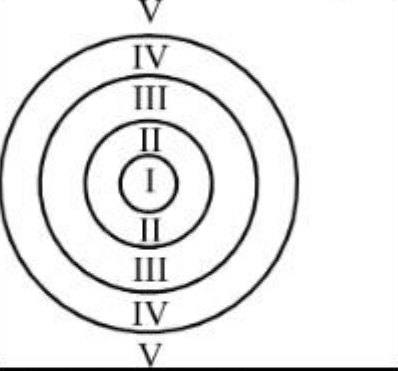
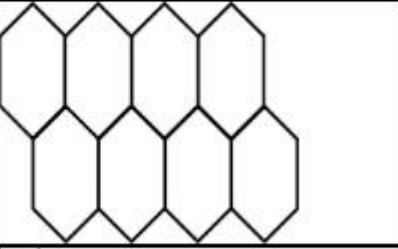
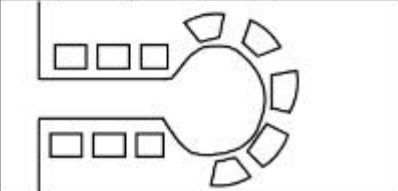
Question Number : 85 Question Id : 7155052735 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ਸੂਚੀ I ਦਾ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਨ ਕਰੋ

LIST I		LIST II	
A.		I.	ਕਰਿਸਟੈਲਰ ਦਾ ਕੰਸੈਪਟ
B.		II.	ਬਰੀਚੇ ਸ਼ਹਿਰ ਦਾ ਕੰਸੈਪਟ
C.		III.	ਅਰਨੈਸਟ ਬ੍ਰਾਸ
D.		IV.	ਰੈਡਬਰਨ ਕੰਸੈਪਟ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਸੂਚੀ I ਦਾ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਨ ਕਰੋ

LIST I		LIST II	
A.	ਪਾਰਕ ਵਿੱਚ ਮੀਨਾਰ	I.	ਐਬਨੇਜ਼ਰ ਹਾਵਰਡ ਸਾਰਬ
B.	ਆਂਢ-ਗੁਆਂਢ ਦੀ ਯੂਨਿਟ	II.	ਲੀ-ਕਾਰਬੂਜ਼ੀਅਰ
C.	ਬਗੀਚਾ ਸ਼ਹਿਰ	III.	ਕਲੀਰੈਂਸ ਪੈਰੀ
D.	ਸੈਕਟਰ ਨਮੂਨਾ (ਮਾਡਲ)	IV.	ਹੋਮਸ ਹੋਇਟ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਸੂਚੀ I ਦਾ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਨ ਕਰੋ

LIST I		LIST II	
A.	ਪਹਿਲੀ ਪੰਜ ਸਾਲਾਂ ਯੋਜਨਾ	I.	1969-1974
B.	ਚੌਥੀ ਪੰਜ ਸਾਲਾਂ ਯੋਜਨਾ	II.	1951-1956
C.	ਅੱਠਵੀਂ ਪੰਜ ਸਾਲਾਂ ਯੋਜਨਾ	III.	1992-1997
D.	11th Five Year Plan	IV.	2007-2012

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਸੂਚੀ I ਦਾ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਨ ਕਰੋ

ਸੂਚੀ I	ਸੂਚੀ II
A. ਮਦੁਰਈ	I. ਹਿਲ ਸ਼ਹਿਰ ਯੋਜਨਾ
B. ਐਰੋਵਿਲ	II. ਕੰਦਮੰਬਾ ਵਨਮ
C. ਲਵਾਸਾ	III. ਗਿਡ ਲੋਹਾ
D. ਚੰਡੀਗੜ੍ਹ	IV. ਮੰਤਰੀ ਮੰਦਰ

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

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

ਪੰਜਾਇਤੀ ਰਾਜ ਹੇਠਾਂ ਸਿੱਤੇ ਕਿਸ ਲੇਖ ਦਾ ਹੈ?

Options :

7155058693. ਲੇਖ 243

7155058694. ਲੇਖ 324

7155058695. ਲੇਖ 124

7155058696. ਲੇਖ 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 ਹੈਕਟੇਅਰ ਵਿੱਚ ਕਿੰਨੇ ਏਕੜ ਹਨ?

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 ਦੀ ਫੁਲ ਫਾਰਮ ਕੀ ਹੈ?

Options :

7155058701. ਪਰਿਵਰਤਨ ਲਈ ਰਾਸ਼ਟਰ ਸੰਸਥਾ, ਭਾਰਤ

7155058702. ਟੈਕਨੋਲੋਜੀ ਲਈ ਰਾਸ਼ਟਰ ਉਦਮ, ਭਾਰਤ

7155058703. ਪਰਿਵਰਤਨ ਲਈ ਰਾਸ਼ਟਰ ਉਦਮ, ਭਾਰਤ

7155058704. ਰਾਸ਼ਟਰ ਉਦਯੋਗਿਕ ਟੈਕਨੀਕਲ ਸੰਸਥਾ

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

ਕਾਨਅਰਬੇਸ਼ਨ ਦੀ ਸ਼ਬਦਾਵਲੀ ਕਿਸਨੇ ਦਿੱਤੀ ?

Options :

7155058705. ਕੇਵਿਨ ਲਿੰਚ

7155058706. ਪਾਟਰਿਕ ਗੇਡੇਸ

7155058707. ਐਬਨੇਜ਼ਰ ਹਾਵਰਡ

7155058708. ਲਿਉਸ ਮਮਫਾਰਡ

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

ਦੁਰਗਾਪੁਰ ਸ਼ਹਿਰ ਦਾ ਪਲੈਨਰ ਕੌਣ ਹੈ?

Options :

7155058709. ਲੀ ਕਾਰਬੁਜ਼ੀਅਰ

7155058710. ਅਬੈਨੇਜ਼ਰ ਹਾਵਰਡ

7155058711. ਜੇਮੇਫ ਐਲਨ ਸਟਾਇਨ

7155058712. ਚਾਰਲਸ ਕੋਰੀਆ

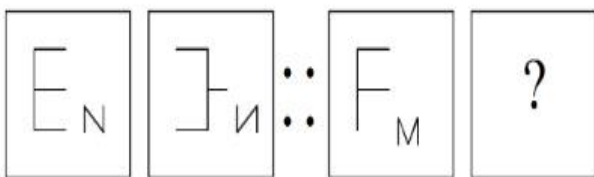
Question Number : 94 Question Id : 7155052744 Question Type : MCQ Option Shuffling : Yes Is

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

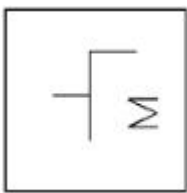
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

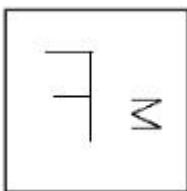
In problem figures, A and B have certain relation. Identify which one of the answer figures will have similar relation between C and D?



Options :



7155058713.



7155058714.

7155058715.



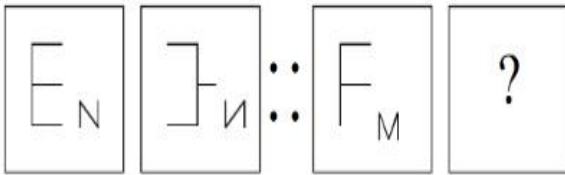
7155058716.



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

ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਵਿੱਚ A ਅਤੇ B ਦਾ ਇੱਕ ਸੰਬੰਧ ਹੈ। C ਅਤੇ D ਵਿੱਚ ਵੀ ਇੱਕ ਸਮਾਨ ਸੰਬੰਧ ਹੈ, ਉੱਤਰ ਚਿੱਤਰ ਵਿੱਚ ਪਛਾਣ ਕਰੋ?

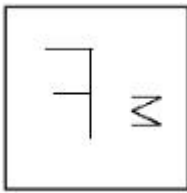


Options :

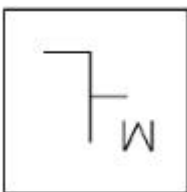
7155058713.

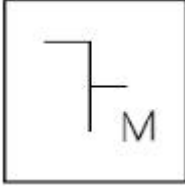


7155058714.



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

(HDFC) ਦਾ ਗਠਿਮਿੱਗ ਵਿਕਾਸ ਪੁੰਜੀ ਕਾਰਪੋਰੇਸ਼ਨ ਲਿਮਿਟਿਡ ਕਦੋਂ ਬਣੀ:

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

ਸੰਘੀ ਸਰਕਾਰ ਦੀ ਸਭ ਤੋਂ ਜ਼ਰੂਰੀ ਵਿਸ਼ੇਸ਼ਤਾ ਕੀ ਹੈ:

Options :

7155058721. ਤਾਕਤ ਦਾ ਕੇਂਦਰਿਤ ਹੋਣਾ

7155058722. ਭਾਂਤ-ਭਾਂਤ ਦੇ ਲੇਵਲ ਦੇ ਮੱਧ ਤਾਕਤ ਦਾ ਵਿਭਾਜਨ

7155058723. ਵਿਰੋਧੀ

7155058724. ਸੰਵਿਧਾਨ ਜਿਹੜਾ ਨਾ ਲਿਖਿਆ ਗਿਆ ਹੋਵੇ

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

ਹੇਠਾਂ ਦਿੱਤਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਅਵਾਸ ਸੈਕਟਰ ਬੈਂਕ ਨਹੀਂ ਹੈ?

Options :

7155058725. ICICI

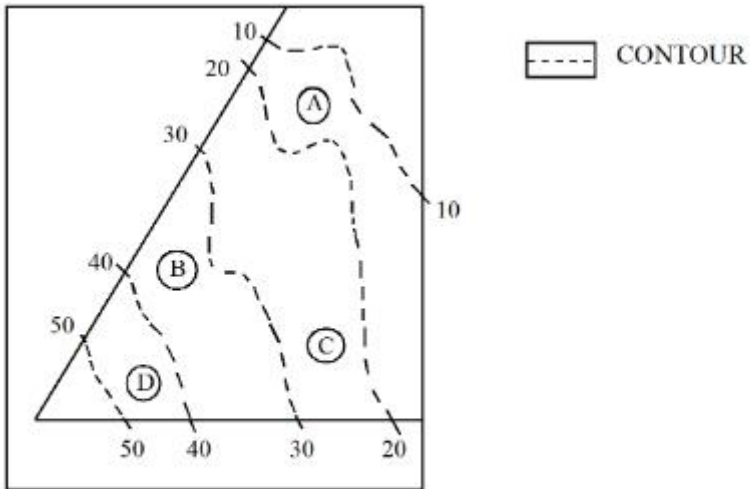
7155058726. State Bank of India

7155058727. Indian Bank

7155058728. Canara Bank

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

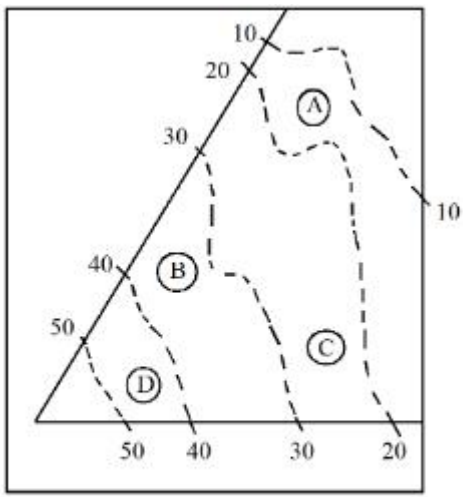
7155058730. 40-50

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



--- CONTOUR

ਸਿੱਤੇ ਸਿੱਤਰ ਵਿੱਚ ਡੀ ਦੀ ਜਗਾ ਕੀ ਹੈ:

Options :

7155058729. 30-40

7155058730. 40-50

7155058731. 10-20

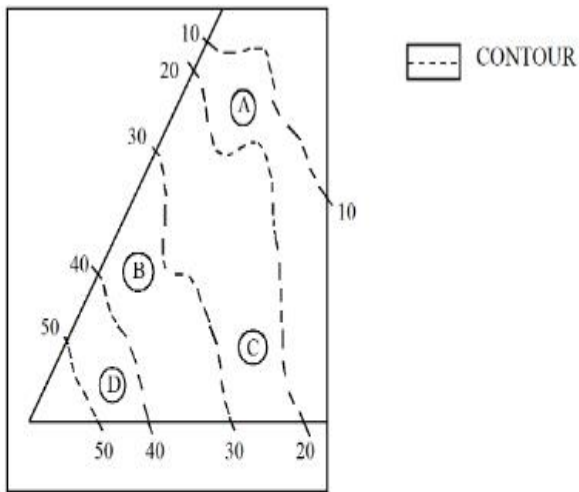
7155058732. 20-30

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

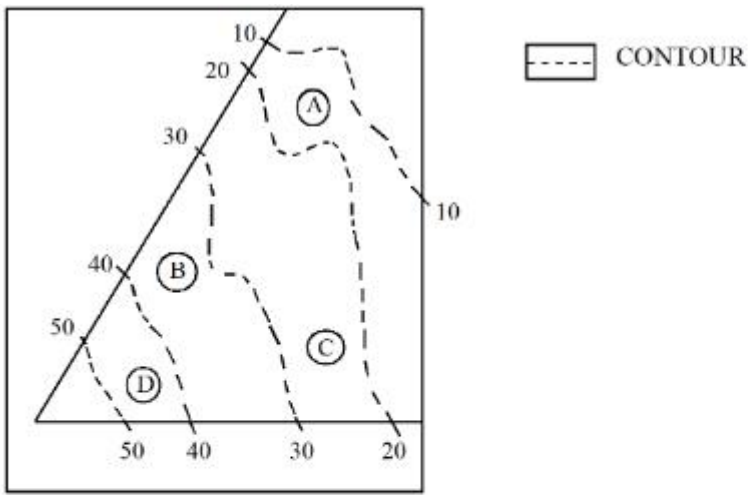
7155058736. Statement **I** is false but Statement **II** is true

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



ਕਥਨ I: ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚ, B ਦਾ ਸਥਾਨ C ਤੋਂ ਉੱਚਾ ਹੈ

ਕਥਨ II : ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚ, A ਦਾ ਸਥਾਨ C ਤੋਂ ਨੀਚੇ ਹੈ

ਉੱਪਰ ਦਿੱਤੇ ਕਥਨਾਂ ਦੇ ਸੰਦਰਭ ਵਿੱਚ, ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058733. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058734. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058735. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

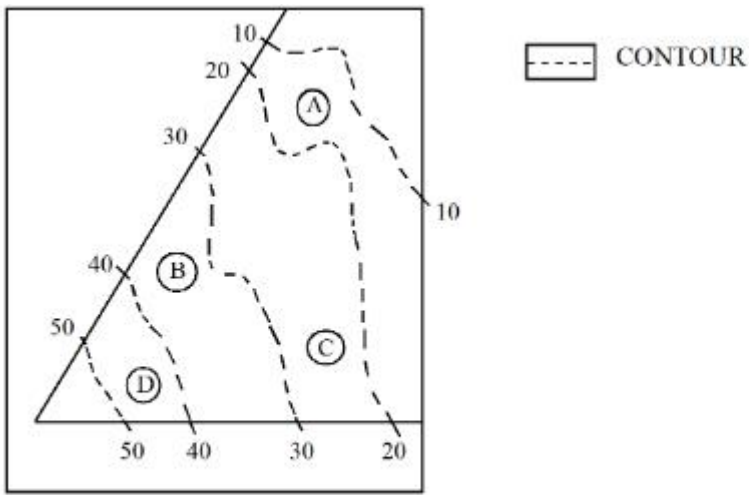
7155058736. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

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

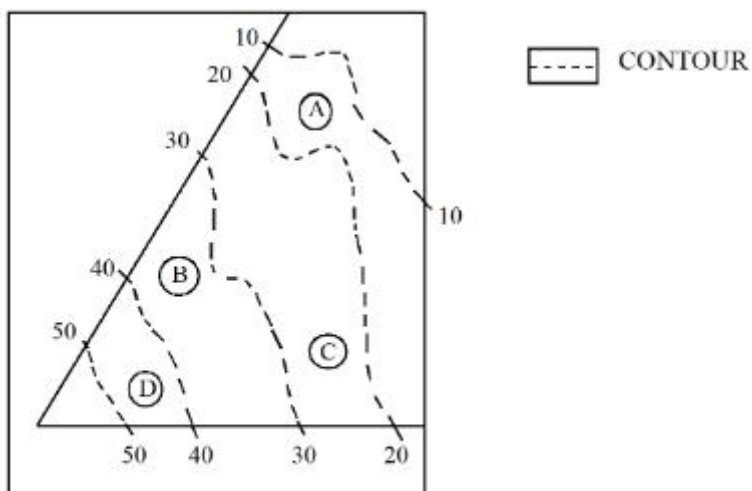
7155058740. 40-50

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



ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚ, A ਦਾ ਸਥਾਨ ਕਿਸ ਕੰਟੇਰ ਉੱਤੇ ਹੈ?

Options :

7155058737. 20-30

7155058738. 30-40

7155058739. 10-20

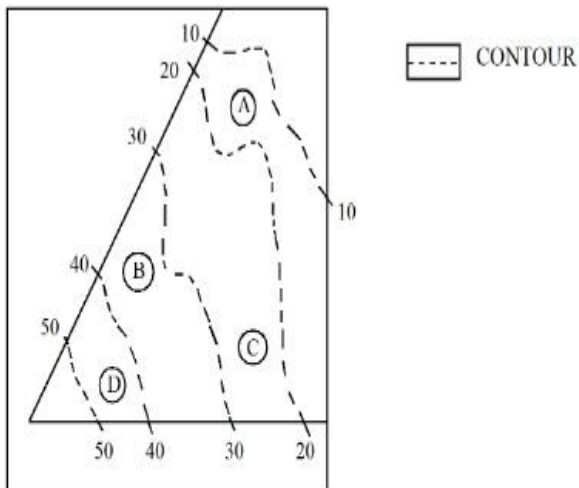
7155058740. 40-50

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

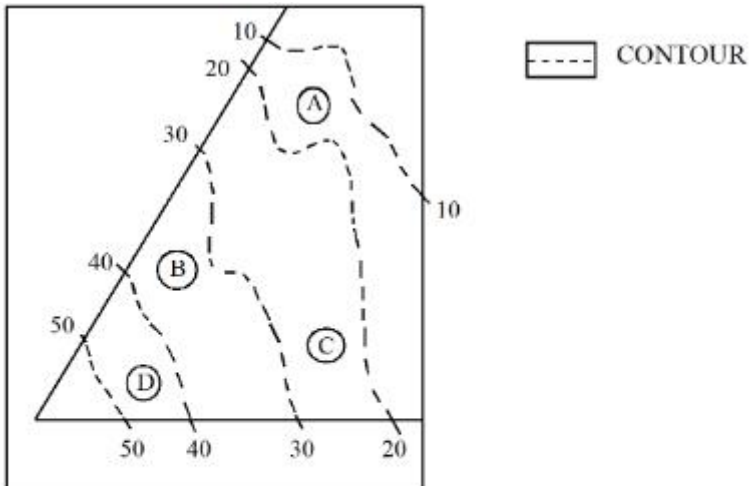
7155058744. Statement **I** is false but Statement **II** is true

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



ਕਥਨ I: 'A' ਦਾ ਸਥਾਨ, ਸਥਲ ਵਿੱਚ ਹੇਠਾਂ ਹੈ

ਕਥਨ II: 'A' ਦਾ ਸਥਾਨ 'B' ਤੋਂ ਹੇਠਾਂ ਹੈ, ਸਥਲ ਉੱਤੇ

Options :

7155058741. ਦੋਨੋ ਕਥਨ **I** ਅਤੇ ਕਥਨ **II** ਸਹੀ ਹਨ

7155058742. ਦੋਨੋ ਕਥਨ **I** ਅਤੇ ਕਥਨ **II** ਗਲਤ ਹਨ

7155058743. ਕਥਨ **I** ਸਹੀ ਹੈ ਪਰ ਕਥਨ **II** ਗਲਤ ਹੈ

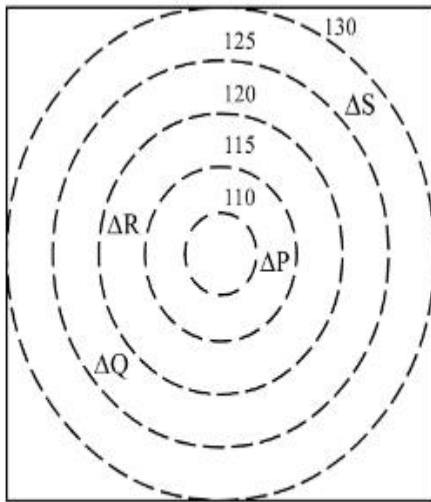
7155058744. ਕਥਨ **I** ਗਲਤ ਹੈ ਪਰ ਕਥਨ **II** ਸਹੀ ਹੈ

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"

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

Options :

7155058745. 2

7155058746. 3

7155058747. 1

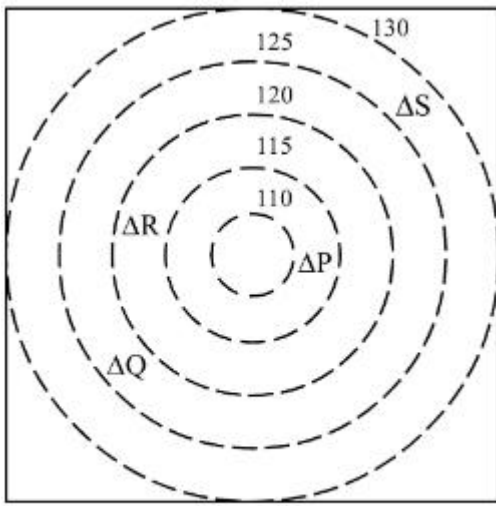
7155058748. 4

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"

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਵਿੱਚ, "P" ਅਤੇ "S" ਵਿੱਚ ਕਿੰਨੇ ਕੰਟੋਰ ਹੈ

Options :

7155058745. 2

7155058746. 3

7155058747. 1

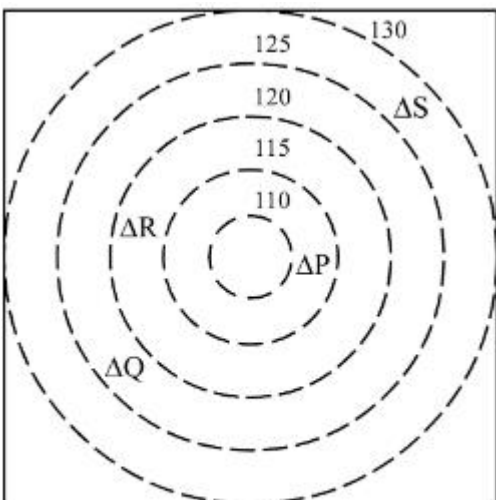
7155058748. 4

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

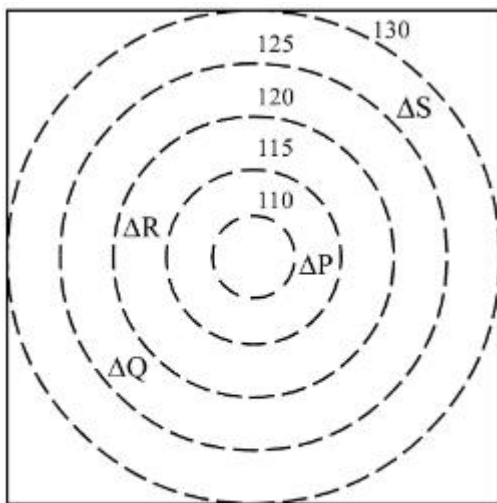
7155058752. 15

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"

ਦਿੱਤੇ ਗਏ ਚਿੱਤਰ ਵਿੱਚ, "S", "R" ਤੋਂ ___ ਮੀਟਰ ਉੱਚਾ ਹੈ।

Options :

7155058749. 5

7155058750. 10

7155058751. 25

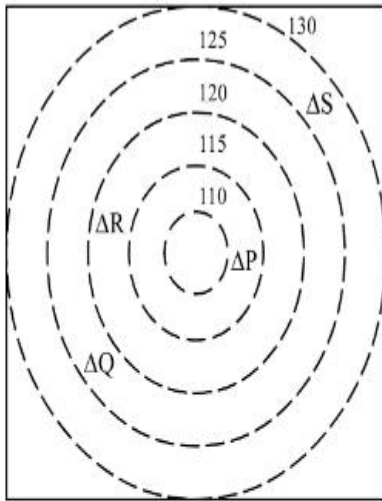
7155058752. 15

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

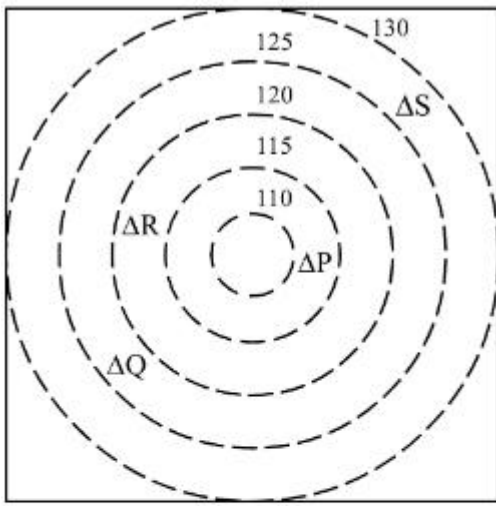
7155058756. Statement **I** is false but Statement **II** is true

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



BUILDINGS

ALL DIENSIONS ARE
IN "M"

ਚਿੱਤਰ ਦੇ ਆਧਾਰ ਉੱਤੇ

ਕਥਨ I : "R", "P" ਅਤੇ "Q" ਤੋਂ ਉੱਚਾ ਹੈ

ਕਥਨ II : "S", "P", "Q" ਅਤੇ "R" ਤੋਂ ਉੱਚਾ ਹੈ

ਉੱਪਰ ਦਿੱਤੇ ਕਥਨਾਂ ਦੇ ਸੰਬੰਧ ਵਿੱਚ ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058753. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058754. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058755. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

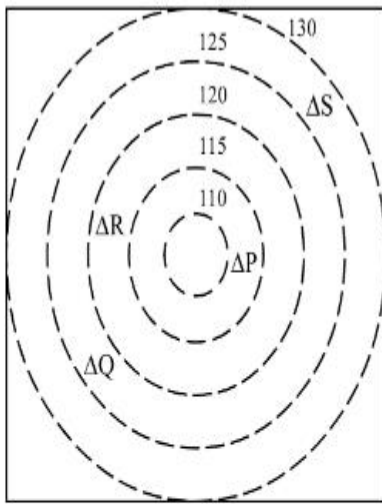
7155058756. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

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

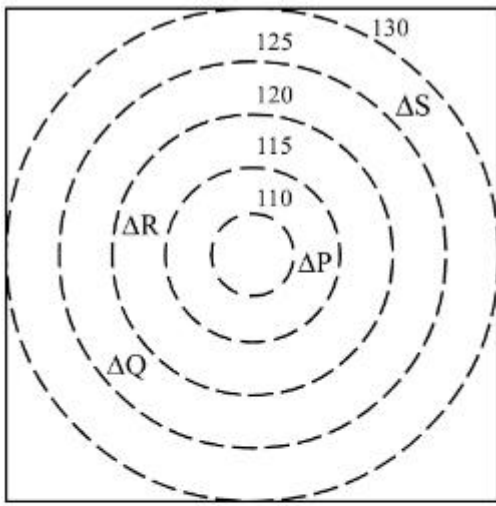
7155058760. Statement **I** is false but Statement **II** is true

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



BUILDINGS

ALL DIENSIONS ARE
IN "M"

ਚਿੱਤਰ ਦੇ ਆਧਾਰ ਉੱਤੇ

ਕਥਨ I : "P" ਦਾ ਸਥਾਨ 110 M ਦੀ ਉਚਾਈ ਉੱਤੇ ਹੈ

ਕਥਨ II : "Q", "S" ਤੋਂ 5 M ਹੇਠਾਂ ਹੈ

ਉੱਪਰ ਦਿੱਤੇ ਕਥਨਾਂ ਦੇ ਸੰਬੰਧ ਵਿੱਚ ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣੋ:

Options :

7155058757. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਸਹੀ ਹਨ

7155058758. ਦੋਨੋ ਕਥਨ I ਅਤੇ ਕਥਨ II ਗਲਤ ਹਨ

7155058759. ਕਥਨ I ਸਹੀ ਹੈ ਪਰ ਕਥਨ II ਗਲਤ ਹੈ

7155058760. ਕਥਨ I ਗਲਤ ਹੈ ਪਰ ਕਥਨ II ਸਹੀ ਹੈ

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

ਦਿੱਤੇ ਸੰਦਰਭ ਚਿੱਤਰ ਦਾ ਇਕ ਅਨੁਪਾਤਕ ਸਕੈਚ ਬਣਾਓ। ਬਲੈਕ ਅਤੇ ਵਾਈਟ ਪੇਂਸਿਲ ਰੈਨਡਰਿੰਗ ਤਕਨੀਕ ਦੀ ਵਰਤੋਂ ਕਰੋ ਸ਼ੇਡਿੰਗ ਦੇ ਲਈ।



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

ਮੋਟਰ ਸਾਈਕਲ ਵਿੱਚ ਮਿਲੇ ਮੂਲ 2D ਆਕਾਰਾਂ ਦੀ ਵਰਤੋਂ ਕਰੋ ਅਤੇ ਆਪਣੀ ਪਸੰਦ ਦੇ ਕਿਸੇ ਤਿੰਨ ਰੰਗਾਂ ਨਾਲ ਆਪਣੀ ਪਸੰਦ ਦੀ ਦਿਲਚਸਪ 2D ਰਚਨਾ ਬਣਾਓ।