

National Testing Agency

Question Paper Name :	B Arch B Planning 24th Jan 2024 Shift 2
Subject Name :	B. Arch & B. Planning
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B. Arch & B. Planning

Group Number :	1
Group Id :	4058592
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 :	4058595
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 :	4058595
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 405859106 Question Type : MCQ Option Shuffling : Yes 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 $f(x) = \sqrt{4-x^2} + \sqrt{2+x}$ is $[a, b]$, then $a^2 + 3b^2$ is equal to

Options :

405859391. 4

405859392. 8

405859393. 12

405859394. 16

Question Number : 1 Question Id : 405859106 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$f(x) = \sqrt{4-x^2} + \sqrt{2+x}$ का प्रांत $[a, b]$ है, तो $a^2 + 3b^2$ बराबर है:

Options :

405859391. 4

405859392. 8

405859393. 12

405859394. 16

Question Number : 2 Question Id : 405859107 Question Type : MCQ Option Shuffling : Yes 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 $\mathbb{R}$ denote the set of real numbers, $\mathbb{Z}$ the set of integers and $\mathbb{W}$ the set of Non-negative integers, and define a map

(i) $f_1 : \mathbb{Z} \rightarrow \mathbb{Z}$ by $f_1(x) = x^3$. Then f_1 is one-one and not onto.

(ii) $f_2 : \mathbb{R} \rightarrow \mathbb{R}$ by $f_2(x) = x^3$. Then f_2 is one-one and onto.

(iii) $f_3 : \mathbb{Z} \rightarrow \mathbb{W}$ by $f_3(x) = |x|$. Then f_3 is not one-one but is onto.

(iv) $f_4 : \mathbb{Z} \rightarrow \mathbb{Z}$ by $f_4(x) = x^2$. Then f_4 is neither one-one nor onto.

Then which of the following options is correct?

Options :

405859395. (i), (iii), (iv) are true but (ii) is false

405859396. All are true

405859397. (ii), (iii) and (iv) are true but (i) is false

405859398. (i), (ii) and (iv) are true but (iii) is false

Question Number : 2 Question Id : 405859107 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

माना $\mathbb{R}$ वास्तविक संख्याओं का समुच्चय है, $\mathbb{Z}$ पूर्णाकों का समुच्चय है तथा $\mathbb{W}$ ऋणेत्तर पूर्णाकों का समुच्चय है। यदि

(i) $f_1 : \mathbb{Z} \rightarrow \mathbb{Z}, f_1(x) = x^3$ है, तो f_1 एकैकी है पर आच्छादक नहीं है।

(ii) $f_2 : \mathbb{R} \rightarrow \mathbb{R}, f_2(x) = x^3$ है, तो f_2 एकैकी तथा आच्छादक है।

(iii) $f_3 : \mathbb{Z} \rightarrow \mathbb{W}, f_3(x) = |x|$ है, तो f_3 एकैकी नहीं है पर आच्छादक है।

(iv) $f_4 : \mathbb{Z} \rightarrow \mathbb{Z}, f_4(x) = x^2$ है, तो f_4 न तो एकैकी है न ही आच्छादक है।

तो :

Options :

405859395. (i), (iii), (iv) सत्य है, परंतु (ii) असत्य है

405859396. सभी सत्य है

405859397. (ii), (iii) तथा (iv) सत्य हैं, परंतु (i) असत्य है

405859398. (i), (ii) तथा (iv) सत्य हैं परंतु (iii) असत्य है

Question Number : 3 Question Id : 405859108 Question Type : MCQ Option Shuffling : Yes 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 $\frac{\sqrt{5+12i} + \sqrt{5-12i}}{\sqrt{5+12i} - \sqrt{5-12i}} = a + bi$, then $a - b$ is :

Options :

405859399. $\frac{5}{6}$

405859400. $-\frac{5}{12}$

405859401. $\frac{3}{2}$

405859402. $\frac{5}{12}$

Question Number : 3 Question Id : 405859108 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

यदि $\frac{\sqrt{5+12i} + \sqrt{5-12i}}{\sqrt{5+12i} - \sqrt{5-12i}} = a + bi$ है, तो $a - b$ बराबर है :

Options :

405859399. $\frac{5}{6}$

405859400. $-\frac{5}{12}$

405859401. $\frac{3}{2}$

405859402. $\frac{5}{12}$

Question Number : 4 Question Id : 405859109 Question Type : MCQ Option Shuffling : Yes 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 be a 3×3 matrix such that $\text{adj}(A) = \begin{bmatrix} 25 & 0 & 100 \\ 0 & 4 & 3 \\ 0 & 100 & 100 \end{bmatrix}$, then determinant of A is

Options :

405859403. 25

405859404. 50

405859405. 100

405859406. 1000

Question Number : 4 Question Id : 405859109 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

माना 3×3 के एक आव्यूह A के लिए $\text{adj}(A) = \begin{bmatrix} 25 & 0 & 100 \\ 0 & 4 & 3 \\ 0 & 100 & 100 \end{bmatrix}$ है। तो A का सारणिक है:

Options :

405859403. 25

405859404. 50

405859405. 100

405859406. 1000

Question Number : 5 Question Id : 405859110 Question Type : MCQ Option Shuffling : Yes 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 total number of times the digit 3 will be written when listing integers from 1 to 1000 is

Options :

405859407. 297

405859408. 243

405859409. 273

405859410. 300

Question Number : 5 Question Id : 405859110 Question Type : MCQ Option Shuffling : Yes 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 से 1000 तक पूर्णांकों को लिखने पर, अंक 3 कुल कितनी बार लिखा जायेगा ?

Options :

405859407. 297

405859408. 243

405859409. 273

405859410. 300

Question Number : 6 Question Id : 405859111 Question Type : MCQ Option Shuffling : Yes 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 coefficient of x^{24} in $(1 + x^2)^{12} (1 + x^{12}) (1 + x^{24})$ is

Options :

405859411. ${}^{12}C_6 + 3$

405859412. ${}^{12}C_6$

405859413. ${}^{12}C_6 + 1$

405859414. ${}^{12}C_6 + 2$

Question Number : 6 Question Id : 405859111 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$(1 + x^2)^{12} (1 + x^{12}) (1 + x^{24})$ में x^{24} का गुणांक है:

Options :

405859411. ${}^{12}C_6 + 3$

405859412. ${}^{12}C_6$

405859413. ${}^{12}C_6 + 1$

405859414. $^{12}\text{C}_6 + 2$

Question Number : 7 Question Id : 405859112 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Sum to n terms of the series $\log_e a + \log_e \left(\frac{a^2}{b}\right) + \log_e \left(\frac{a^3}{b^2}\right) + \log_e \left(\frac{a^4}{b^3}\right) + \dots$ is

Options :

405859415. $\frac{n}{2} \left[(n+1) \log_e \left(\frac{a}{b}\right) - \log_e ab \right]$

405859416. $\frac{n}{2} \left[n \log_e \left(\frac{a}{b}\right) - \log_e ab \right]$

405859417. $\frac{n}{2} \left[\log_e \left(\frac{a}{b}\right) + n \log_e ab \right]$

405859418. $\frac{n}{2} \left[n \log_e \left(\frac{a}{b}\right) + \log_e ab \right]$

Question Number : 7 Question Id : 405859112 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

श्रेणी $\log_e a + \log_e \left(\frac{a^2}{b}\right) + \log_e \left(\frac{a^3}{b^2}\right) + \log_e \left(\frac{a^4}{b^3}\right) + \dots$ के प्रथम n पदों का योग है।

Options :

405859415. $\frac{n}{2} \left[(n+1) \log_e \left(\frac{a}{b} \right) - \log_e ab \right]$

405859416. $\frac{n}{2} \left[n \log_e \left(\frac{a}{b} \right) - \log_e ab \right]$

405859417. $\frac{n}{2} \left[\log_e \left(\frac{a}{b} \right) + n \log_e ab \right]$

405859418. $\frac{n}{2} \left[n \log_e \left(\frac{a}{b} \right) + \log_e ab \right]$

Question Number : 8 Question Id : 405859113 Question Type : MCQ Option Shuffling : Yes 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 sum of first 10 terms and first 26 terms of an A.P. are 190 and 1326 respectively, then find the sum of its first 50 terms.

Options :

405859419. 4900

405859420. 4924

405859421. 4950

405859422. 4980

Question Number : 8 Question Id : 405859113 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

यदि एक A.P. के प्रथम 10 पदों तथा प्रथम 26 पदों के योग क्रमशः 190 तथा 1326 हैं, तो इसके प्रथम 50 पदों का योग ज्ञात कीजिए ।

Options :

405859419. 4900

405859420. 4924

405859421. 4950

405859422. 4980

Question Number : 9 Question Id : 405859114 Question Type : MCQ Option Shuffling : Yes 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 $\lim_{x \rightarrow 1} \frac{x^5 - 1}{x - 1} = \lim_{x \rightarrow k} \frac{x^3 - k^3}{x^2 - k^2}$, then k is equal to

Options :

405859423. $\frac{5}{3}$

405859424. $\frac{7}{3}$

405859425. $\frac{8}{3}$

405859426. $\frac{10}{3}$

Question Number : 9 Question Id : 405859114 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

यदि $\lim_{x \rightarrow 1} \frac{x^5 - 1}{x - 1} = \lim_{x \rightarrow k} \frac{x^3 - k^3}{x^2 - k^2}$, तो k बराबर है ।

Options :

405859423. $\frac{5}{3}$

405859424. $\frac{7}{3}$

405859425. $\frac{8}{3}$

405859426. $\frac{10}{3}$

Question Number : 10 Question Id : 405859115 Question Type : MCQ Option Shuffling : Yes 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 $f: [0, \pi] \rightarrow \mathbb{R}$ be a function defined by $f(x) = \begin{cases} x + \sqrt{2}a \sin x, & 0 \leq x < \frac{\pi}{4} \\ 2x \cot x + b, & \frac{\pi}{4} \leq x \leq \frac{\pi}{2} \\ a \cos 2x - b \sin x, & \frac{\pi}{2} < x \leq \pi \end{cases}$

If f is continuous for $0 \leq x \leq \pi$, then $a^2 + 140b^2$ is equal to

Options :

405859427. 0

405859428. π^2

405859429. $2\pi^2$

405859430. $\frac{\pi^2}{2}$

Question Number : 10 Question Id : 405859115 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

माना एक फलन $f: [0, \pi] \rightarrow \mathbb{R}$, $f(x) = \begin{cases} x + \sqrt{2}a \sin x, & 0 \leq x < \frac{\pi}{4} \\ 2x \cot x + b, & \frac{\pi}{4} \leq x \leq \frac{\pi}{2} \\ a \cos 2x - b \sin x, & \frac{\pi}{2} < x \leq \pi \end{cases}$

द्वारा परिभाषित है। यदि $0 \leq x \leq \pi$ के लिए f संतत है, तो $a^2 + 140b^2$ बराबर है।

Options :

405859427. 0

405859428. π^2

405859429. $2\pi^2$

405859430. $\frac{\pi^2}{2}$

Question Number : 11 Question Id : 405859116 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\int \frac{dx}{\sin^2 x \cos^2 x}$ is equal to

Options :

405859431. $\tan x + \cot x + c$

405859432. $(\tan x + \cot x)^2 + c$

405859433. $\tan x - \cot x + c$

405859434. $2(\sec x \tan x - \operatorname{cosec} x \cot x) + c$

Question Number : 11 Question Id : 405859116 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\int \frac{dx}{\sin^2 x \cos^2 x}$ बराबर है।

Options :

405859431. $\tan x + \cot x + c$

405859432. $(\tan x + \cot x)^2 + c$

405859433. $\tan x - \cot x + c$

405859434. $2(\sec x \tan x - \operatorname{cosec} x \cot x) + c$

Question Number : 12 Question Id : 405859117 Question Type : MCQ Option Shuffling : Yes 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 solution of differential equation $(x + 2y^3) \frac{dy}{dx} = y$ is

Options :

405859435. $x = y^2 + c$

405859436. $y = x^2 + c$

405859437. $x = y(y^2 + c)$

405859438. $y = x(x^2 + c)$

Question Number : 12 Question Id : 405859117 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अवकल समीकरण $(x + 2y^3) \frac{dy}{dx} = y$ का हल है।

Options :

405859435. $x = y^2 + c$

405859436. $y = x^2 + c$

405859437. $x = y(y^2 + c)$

405859438. $y = x(x^2 + c)$

Question Number : 13 Question Id : 405859118 Question Type : MCQ Option Shuffling : Yes 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 point diametrically opposite to the point $(-1, 1)$ on the circle $x^2 + y^2 - x - 4y + 1 = 0$ is

Options :

405859439. $(-2, 5)$

405859440. $(2, -5)$

405859441. $(0, 3)$

405859442. $(2, 3)$

Question Number : 13 Question Id : 405859118 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वृत्त $x^2 + y^2 - x - 4y + 1 = 0$ पर बिंदु $(-1, 1)$ का व्यासतः सम्मुख बिंदु है।

Options :

405859439. $(-2, 5)$

405859440. $(2, -5)$

405859441. $(0, 3)$

405859442. $(2, 3)$

Question Number : 14 Question Id : 405859119 Question Type : MCQ Option Shuffling : Yes 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 vertices of a triangle OAB are $(0, 0)$, $(a, 0)$ and $(0, b)$ respectively. The distance between its orthocentre and circumcentre is

Options :

405859443. $(a + b)$

405859444. $(a - b)$

405859445. $\frac{1}{2}\sqrt{a^2 + b^2}$

405859446. $\frac{1}{2}\sqrt{a^2 - b^2}$

Question Number : 14 Question Id : 405859119 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक त्रिभुज OAB के शीर्ष $(0, 0)$, $(a, 0)$ तथा $(0, b)$ हैं। इसके लंबकेन्द्र तथा परिकेन्द्र के बीच दूरी है :

Options :

405859443. $(a + b)$

405859444. $(a - b)$

405859445. $\frac{1}{2}\sqrt{a^2 + b^2}$

405859446. $\frac{1}{2}\sqrt{a^2 - b^2}$

Question Number : 15 Question Id : 405859120 Question Type : MCQ Option Shuffling : Yes 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 shortest distance between the lines $\vec{r} = (\hat{i} + 2\hat{j} + 3\hat{k}) + \lambda(\hat{i} - 3\hat{j} + 2\hat{k})$ and
 $\vec{r} = (4\hat{i} + 5\hat{j} + 6\hat{k}) + \mu(2\hat{i} + 3\hat{j} + \hat{k})$ is :

Options :

405859447. $\frac{1}{19}$ units

405859448. $\sqrt{19}$ units

405859449. $\frac{3}{\sqrt{19}}$ units

405859450. $\frac{1}{\sqrt{19}}$ units

Question Number : 15 Question Id : 405859120 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रेखाओं $\vec{r} = (\hat{i} + 2\hat{j} + 3\hat{k}) + \lambda(\hat{i} - 3\hat{j} + 2\hat{k})$ तथा $\vec{r} = (4\hat{i} + 5\hat{j} + 6\hat{k}) + \mu(2\hat{i} + 3\hat{j} + \hat{k})$ के बीच
न्यूनतम दूरी है।

Options :

405859447. $\frac{1}{19}$ इकाई

405859448. $\sqrt{19}$ इकाई

405859449.

$$\frac{3}{\sqrt{19}} \text{ इकाई}$$

$$405859450. \frac{1}{\sqrt{19}} \text{ इकाई}$$

Question Number : 16 Question Id : 405859121 Question Type : MCQ Option Shuffling : Yes 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 projection vector of $\vec{a} = \hat{i} - 3\hat{j} - 3\hat{k}$ on $\vec{b} = 3\hat{i} - 4\hat{j}$ is

Options :

$$405859451. \frac{9}{5}\hat{i} - \frac{12}{5}\hat{j}$$

$$405859452. \frac{3}{\sqrt{19}}\hat{i} - \frac{4}{\sqrt{19}}\hat{j}$$

$$405859453. \frac{12}{5}\hat{i} - \frac{36}{5}\hat{j} - \frac{36}{5}\hat{k}$$

$$405859454. 9\hat{i} - 12\hat{j}$$

Question Number : 16 Question Id : 405859121 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\vec{b} = 3\hat{i} - 4\hat{j}$ पर $\vec{a} = \hat{i} - 3\hat{j} - 3\hat{k}$ का प्रक्षेप सदिश है।

Options :

$$405859451.$$

$$\frac{9}{5}\hat{i} - \frac{12}{5}\hat{j}$$

405859452. $\frac{3}{\sqrt{19}}\hat{i} - \frac{4}{\sqrt{19}}\hat{j}$

405859453. $\frac{12}{5}\hat{i} - \frac{36}{5}\hat{j} - \frac{36}{5}\hat{k}$

405859454. $9\hat{i} - 12\hat{j}$

Question Number : 17 Question Id : 405859122 Question Type : MCQ Option Shuffling : Yes 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 $|\vec{a}| = |\vec{b}| = 1$ and $|\vec{a} + \vec{b}| = \sqrt{3}$. If $\vec{c}$ is a vector such that $\vec{c} - \vec{a} - 2\vec{b} = 3(\vec{a} \times \vec{b})$, then $\vec{c} \cdot \vec{b}$ is equal to

Options :

405859455. $-\frac{1}{2}$

405859456. $\frac{1}{2}$

405859457. $\frac{3}{2}$

405859458. $\frac{5}{2}$

Question Number : 17 Question Id : 405859122 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$|\vec{a}| = |\vec{b}| = 1$ तथा $|\vec{a} + \vec{b}| = \sqrt{3}$ दिए गए हैं। यदि एक सदिश $\vec{c}$ के लिए

$\vec{c} - \vec{a} - 2\vec{b} = 3(\vec{a} \times \vec{b})$ है, तो $\vec{c} \cdot \vec{b}$ बराबर हैं।

Options :

405859455. $-\frac{1}{2}$

405859456. $\frac{1}{2}$

405859457. $\frac{3}{2}$

405859458. $\frac{5}{2}$

Question Number : 18 Question Id : 405859123 Question Type : MCQ Option Shuffling : Yes 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 A and B are two events such that $P(A \cup B) = \frac{5}{8}$ and $P(A' \cup B') = \frac{3}{4}$, then

$P(A') + P(B') =$

Options :

405859459. $\frac{1}{8}$

405859460. $\frac{3}{8}$

405859461. $\frac{9}{8}$

405859462. $\frac{11}{8}$

Question Number : 18 Question Id : 405859123 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

यदि दो घटनाओं A तथा B के लिए $P(A \cup B) = \frac{5}{8}$ तथा $P(A' \cup B') = \frac{3}{4}$ हैं, तो $P(A') + P(B')$

=

Options :

405859459. $\frac{1}{8}$

405859460. $\frac{3}{8}$

405859461. $\frac{9}{8}$

405859462. $\frac{11}{8}$

Question Number : 19 Question Id : 405859124 Question Type : MCQ Option Shuffling : Yes 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 value of $\sec 15^\circ - \sqrt{3} \operatorname{cosec} 15^\circ$ is

Options :

405859463. $4\sqrt{2}$

405859464. $3\sqrt{3}$

405859465. $-3\sqrt{3}$

405859466. $-4\sqrt{2}$

Question Number : 19 Question Id : 405859124 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\sec 15^\circ - \sqrt{3} \operatorname{cosec} 15^\circ$ का मान है।

Options :

405859463. $4\sqrt{2}$

405859464. $3\sqrt{3}$

405859465. $-3\sqrt{3}$

405859466. $-4\sqrt{2}$

Question Number : 20 Question Id : 405859125 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

$\cot^{-1} 7 + \cot^{-1} 8 + \cot^{-1} 5 =$

Options :

405859467. $\cot^{-1}2$

405859468. $\cot^{-1}10$

405859469. $\cot^{-1}6$

405859470. $\cot^{-1}4$

**Question Number : 20 Question Id : 405859125 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

$\cot^{-1}7 + \cot^{-1}8 + \cot^{-1}5 =$

Options :

405859467. $\cot^{-1}2$

405859468. $\cot^{-1}10$

405859469. $\cot^{-1}6$

405859470. $\cot^{-1}4$

Mathematics Section B

Section Id : 4058596

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 :	4058596
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 21 Question Id : 405859126 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 and β be the roots of the equation $x^2 - 6x - 2 = 0$, with $\alpha > \beta$. If $a_n = \alpha^n - \beta^n$ for $n \geq 1$, then the value of $\frac{a_{10} - 2a_8}{3a_9}$ is equal to _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 21 Question Id : 405859126 Question Type : SA Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

माना समीकरण $x^2 - 6x - 2 = 0$ के मूल α तथा β हैं तथा $\alpha > \beta$ है। यदि $a_n = \alpha^n - \beta^n$, $n \geq 1$ है, तो $\frac{a_{10} - 2a_8}{3a_9}$ का मान बराबर _____ है।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 22 **Question Id :** 405859127 **Question Type :** SA **Calculator :** None **Response**

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

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

If α, β, γ are the angles of a triangle, then the value of the determinant

$$\begin{vmatrix} \cot \alpha & \cot \beta & \cot \gamma \\ 1 & 1 & 1 \\ \sin^2 \alpha & \sin^2 \beta & \sin^2 \gamma \end{vmatrix} \text{ is equal to } \underline{\hspace{2cm}}$$

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 22 **Question Id :** 405859127 **Question Type :** SA **Calculator :** None **Response**

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

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

यदि α, β, γ एक त्रिभुज के कोण हैं, तो सारणिक $\begin{vmatrix} \cot \alpha & \cot \beta & \cot \gamma \\ 1 & 1 & 1 \\ \sin^2 \alpha & \sin^2 \beta & \sin^2 \gamma \end{vmatrix}$ का मान बराबर है ।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 23 **Question Id :** 405859128 **Question Type :** SA **Calculator :** None **Response**

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

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

If r^{th} term in the expansion of $\left(\sqrt[3]{\frac{a}{b}} + \sqrt{\frac{b}{3a}}\right)^{21}$ contains equal powers of a and b ,
then value of r is _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 23 **Question Id :** 405859128 **Question Type :** SA **Calculator :** None **Response**

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

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

यदि $\left(\sqrt[3]{\frac{a}{b}} + \sqrt{\frac{b}{3a}}\right)^{21}$ के प्रसार में $r^{\text{वें}}$ पद में a तथा b के घात बराबर है, तो r का मान
है _____.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 24 Question Id : 405859129 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

If $y = \tan^{-1}\left(\frac{3x}{1+54x^2}\right) + \tan^{-1}\left(\frac{3x}{1+18x^2}\right)$, then $\frac{dy}{dx}$ at $x = 0$ is _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 24 Question Id : 405859129 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

यदि $y = \tan^{-1}\left(\frac{3x}{1+54x^2}\right) + \tan^{-1}\left(\frac{3x}{1+18x^2}\right)$ है, तो $x = 0$ पर $\frac{dy}{dx}$ बराबर है _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 25 Question Id : 405859130 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

The value of $\int_1^5 f(x) dx$, where $f(x) = |x - 1| + |x - 2| + |x - 3|$ is _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 25 Question Id : 405859130 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

$\int_1^5 f(x) dx$, जहाँ $f(x) = |x - 1| + |x - 2| + |x - 3|$ है, का मान है _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 26 Question Id : 405859131 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

Let $y = y(x)$ be the solution of differential equation $\sin x \frac{dy}{dx} + y \cos x = 4x$. If

$y\left(\frac{\pi}{2}\right) = 0$ and $y\left(-\frac{\pi}{6}\right) = \frac{\alpha}{\beta} \pi^2$, where α and β are co-prime numbers, then value of $(\alpha + \beta)$ is _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 26 **Question Id :** 405859131 **Question Type :** SA **Calculator :** None **Response**

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

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

माना अवकल समीकरण $\sin x \frac{dy}{dx} + y \cos x = 4x$ का हल $y = y(x)$ है। यदि $y\left(\frac{\pi}{2}\right) = 0$

तथा $y\left(-\frac{\pi}{6}\right) = \frac{\alpha}{\beta} \pi^2$ हैं, जहाँ α तथा β असहभाज्य संख्याएँ हैं, तो $(\alpha + \beta)$ का मान है

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 27 **Question Id :** 405859132 **Question Type :** SA **Calculator :** None **Response**

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

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

Let L denote the line in the xy -plane with x and y intercepts as 2 and 1 respectively.

If the image of the point $(-1, -3)$ in this line is $\left(\frac{\alpha}{5}, \frac{\beta}{5}\right)$, then $\alpha + \beta$ is equal

to _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 27 **Question Id :** 405859132 **Question Type :** SA **Calculator :** None **Response**

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

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

माना xy -समतल में x अंतःखंड 2 तथा y अंतःखंड 1 की रेखा L है। यदि इस रेखा में बिंदु $(-1, -3)$ का प्रतिबिंब $\left(\frac{\alpha}{5}, \frac{\beta}{5}\right)$ है, तो $\alpha + \beta$ बराबर है _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 28 **Question Id :** 405859133 **Question Type :** SA **Calculator :** None **Response**

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

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

The length of projection of the line segment joining the points $(1, 0, -1)$ and $(-1, 2, 2)$ on the plane $x + 3y - 5z = 6$ is d , then find $70d^2$ _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 28 **Question Id :** 405859133 **Question Type :** SA **Calculator :** None **Response**

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

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

बिंदुओं $(1, 0, -1)$ तथा $(-1, 2, 2)$ को मिलाने वाले रेखा खंड के समतल $x + 3y - 5z = 6$ पर प्रक्षेप की लंबाई d है, तो $70d^2$ ज्ञात कीजिए_____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 29 **Question Id :** 405859134 **Question Type :** SA **Calculator :** None **Response**

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

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

There are two bags. The first bag contains 3 white and 4 red balls and the second bag contains 4 white and 3 red balls. Two balls are drawn at random from the first bag and are put into the second bag without noticing their colours. Then two balls are drawn from the second bag. If the probability that one ball is white and the other is red is $\frac{x}{y}$, where $\frac{x}{y}$ is in the simplest form, then value of $(2x - y)$ is _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 29 Question Id : 405859134 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

दो थैले हैं। पहले थैले में 3 सफेद तथा 4 लाल गेंद हैं तथा दूसरे थैले में 4 सफेद तथा 3 लाल गेंद हैं। बिना रंग देखे, दो गेंद पहले थैले से यादृच्छया निकाल कर दूसरे थैले में डाल दी जाती हैं। तब दूसरे थैले से 2 गेंद निकाली जाती हैं। यदि एक गेंद के सफेद तथा दूसरी गेंद के लाल होने की प्रायिकता $\frac{x}{y}$ है, जहाँ $\frac{x}{y}$ सरलतम रूप में है, तो $(2x - y)$ का मान है _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 30 Question Id : 405859135 Question Type : SA Calculator : None Response

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

Correct Marks : 4 Wrong Marks : 1

In a $\triangle ABC$, $\angle A = \frac{\pi}{2}$. If $\tan \frac{B}{2}$ and $\tan \frac{C}{2}$ are the roots of $2x^2 - bx - c = 0$, then what is the value of $(b - c)^3$ _____?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Question Number : 30 Question Id : 405859135 Question Type : SA Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ΔABC , $\angle A = \frac{\pi}{2}$ है। यदि समीकरण $2x^2 - bx - c = 0$ के मूल $\tan \frac{B}{2}$ तथा $\tan \frac{C}{2}$ हैं, तो $(b - c)^3$ का मान है _____

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

1

Aptitude Test

Section Id :	4058597
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 :	4058597
Question Shuffling Allowed :	Yes

Is Section Default? :

null

Question Number : 31 Question Id : 405859136 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Saturation level of colors represents

Options :

405859481. Distribution

405859482. Darkness

405859483. Brilliance

405859484. Warmth

Question Number : 31 Question Id : 405859136 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रंगों का संतृप्ति (सैचुरेशन) स्तर प्रतिनिधित्व करता है

Options :

405859481. वितरण

405859482. अंधेरापन (गहरापन)

405859483. चमक

405859484. अनुकूल बनना

Question Number : 32 Question Id : 405859137 Question Type : MCQ Option Shuffling : Yes 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 a shell structure?

Options :

405859485. Millenium dome

405859486. Stansted airport

405859487. Bank of China tower

405859488. Louvre, Museum

Question Number : 32 Question Id : 405859137 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

इनमें से कौन सा ढांचा खोल (शैल) संरचना का है?

Options :

405859485. मिलेनियम गुंबद

405859486. स्टांस्टिड एयरपोर्ट

405859487. बैंक ऑफ चाइना टावर

405859488. लाउवर म्युजियम

Question Number : 33 Question Id : 405859138 Question Type : MCQ Option Shuffling : Yes 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 building material represented in the given figure



Options :

405859489. Tile

405859490. Paving Block

405859491. Wooden Plank

405859492. Granite

Question Number : 33 Question Id : 405859138 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रस्तुत आकृति में भवन निर्माण सामग्री के चित्रण की पहचान करें



Options :

405859489. टाइल

405859490. पेंटिंग ब्लॉक

405859491. काठ का तख्ता (प्लैंक)

405859492. ग्रेनाइट

Question Number : 34 Question Id : 405859139 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Before plastering, the surface has to be :

Options :

405859493. Cemented

405859494. Polished

405859495. Smooth

405859496. Rough

Question Number : 34 Question Id : 405859139 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्लास्टर करने से पूर्व सतह को _____

Options :

405859493. सीमेंटिड

405859494. पॉलिशड

405859495. चिकना

405859496. रफ़

Question Number : 35 Question Id : 405859140 Question Type : MCQ Option Shuffling : Yes 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 designed the 'Sydney Opera House'?

Options :

405859497. Jorn Utzon

405859498. Jan Gehl

405859499. Bjarke Ingels

405859500. Henning Larsen

Question Number : 35 Question Id : 405859140 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सिडनी ऑपेरा हाऊस की परिकल्पना किसने की थी?

Options :

405859497. जॉर्न उत्ज़ोन

405859498. जान गेहल

405859499. बर्क इंजेल्स

405859500. हेनिंग लॉर्सन

Question Number : 36 Question Id : 405859141 Question Type : MCQ Option Shuffling : Yes 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 design elements which are associated with the sense of touch

Options :

405859501. Pattern, Shape, Form

405859502. Texture, Shape, Form

405859503. Shape, Pattern, Texture

405859504. Form, Pattern, Texture

Question Number : 36 Question Id : 405859141 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

परिकल्पना अवयव जो कि स्पर्श ज्ञानेंद्रिय से संबंध हैं -

Options :

405859501. नमूना, आकार, आकृति

405859502. संरचना (बनावट), आकार, आकृति

405859503. आकार, नमूना, संरचना (बनावट)

405859504. आकृति, नमूना, संरचना (बनावट)

Question Number : 37 Question Id : 405859142 Question Type : MCQ Option Shuffling : Yes 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 First World Environment Day was held in which year?

Options :

405859505. 1973

405859506. 1976

405859507. 1978

405859508. 1970

Question Number : 37 Question Id : 405859142 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रथम विश्व पर्यावरण दिवस किस वर्ष मनाया गया था?

Options :

405859505. 1973

405859506. 1976

405859507. 1978

405859508. 1970

Question Number : 38 Question Id : 405859143 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Elephanta Caves are dedicated to which God?

Options :

405859509. Budha

405859510. Tirthankar Mahavir

405859511. Shiva

405859512. Vishnu

Question Number : 38 Question Id : 405859143 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एलिफेंटा की गुफाएं किस भगवान को समर्पित हैं?

Options :

405859509. बुद्ध

405859510. तीर्थंकर महावीर

405859511. शिव

405859512. विष्णु

Question Number : 39 Question Id : 405859144 Question Type : MCQ Option Shuffling : Yes 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 the following is not a city type?

Options :

405859513. Garden City

405859514. Linear City

405859515. Radiant City

405859516. Stack City

Question Number : 39 Question Id : 405859144 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा नगर जैसा नहीं है?

Options :

405859513. गार्डन सिटी

405859514. लिनियर सिटी

405859515. रेडिएंट सिटी

405859516. स्टेक सिटी

Question Number : 40 Question Id : 405859145 Question Type : MCQ Option Shuffling : Yes 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 gigantic chariot with elaborately carved stone wheels, pillars and walls are the characteristics of :

Options :

405859517. Konark Sun temple

405859518. Golden temple

405859519. Meenakshi temple

405859520. Dilwara temple

Question Number : 40 Question Id : 405859145 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक विशालकाय रथ जिसके कि सुपरिष्कृत उत्कीर्ण पाषाण पहिये, स्तम्भ और दिवारें विशेषताएं हैं:

Options :

405859517. कोणार्क सूर्य मंदिर

405859518. स्वर्ण मंदिर

405859519. मीनाक्षी मंदिर

405859520. दिलवारा मंदिर

Question Number : 41 Question Id : 405859146 Question Type : MCQ Option Shuffling : Yes 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 built the Moti Masjid in Red Fort at Delhi?

Options :

405859521. Shah Jahan

405859522. Aurangzeb

405859523. Qutub-Ud-Din Aibak

405859524. Akbar

Question Number : 41 Question Id : 405859146 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिल्ली स्थित लाल किले में मोती मस्जिद का निर्माण किसने करवाया?

Options :

405859521. शाहजहाँ

405859522. औरंगज़ेब

405859523. कुतुब-उद्-दिन ऐबक

405859524. अकबर

Question Number : 42 Question Id : 405859147 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Spray painting is used to :

Options :

405859525. Get a textured pain

405859526. Reach high areas

405859527. Apply paint without touching surface

405859528. Apply large amount of paint

Question Number : 42 Question Id : 405859147 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सप्रे पेंटिंग का प्रयोग किया जाता है:

Options :

405859525. संरचनागत पेंट हेतु

405859526. अति उत्तम क्षेत्रों के लिए

405859527. सतह को स्पर्श किए बिना पेंट लगाना

405859528. अधिक मात्रा में पेंट करने हेतु

Question Number : 43 Question Id : 405859148 Question Type : MCQ Option Shuffling : Yes 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 escalator looks like which one of the following?

Options :

405859529. Ladder

405859530. Stair case

405859531. Ramp

405859532. Lift

Question Number : 43 Question Id : 405859148 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक एस्केलेटर निम्नलिखित में से किस की तरह दिखाई देता है?

Options :

405859529. सीढ़ी

405859530. सीढ़ियाँ

405859531. रैम्प (ढलान)

405859532. लिफ्ट

Question Number : 44 Question Id : 405859149 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Concrete is a mixture of

Options :

405859533. Cement + Sand + Water

405859534. Cement + Coarse Aggregate + Fine Aggregate + Water

405859535. Cement + Water + Brick Bat

405859536. Cement + Sand + Water + Brick Bat

Question Number : 44 Question Id : 405859149 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कंक्रीट _____ का एक मिश्रण है।

Options :

405859533. सीमेंट + बालू + पानी

405859534. सीमेंट + मोटा समुच्चय + महीन समुच्चय + पानी

405859535. सीमेंट + पानी + इंट के टुकड़े

405859536. सीमेंट + बालू + पानी + इंट के टुकड़े

Question Number : 45 Question Id : 405859150 Question Type : MCQ Option Shuffling : Yes 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 type of tile are suitable for air - conditioned rooms and gymnasium?

Options :

405859537. Cork Tile

405859538. Ceramic Tile

405859539. Concrete Tile

405859540. Wooden Tile

Question Number : 45 Question Id : 405859150 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वातानुकूलित कमरे और व्यायामशाला के लिए किस प्रकार की टाइलें उपयुक्त हैं?

Options :

405859537. कॉर्क टाइलें

405859538. सेरेमिक टाइलें

405859539. कंक्रीट टाइलें

405859540. काठ की टाइलें

Question Number : 46 Question Id : 405859151 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Famous Tassel House was designed by

Options :

405859541. Victor Horta

405859542. Gerrit Rietvelt

405859543. Mies Van der Rohe

405859544. Frank Lloyd Wright

Question Number : 46 Question Id : 405859151 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रसिद्ध टस्सेल हाउस _____ के द्वारा डिज़ाइन किया गया था।

Options :

405859541. विक्टर होर्टा

405859542. गेरिट रिबेल्ट

405859543. मिस वेन डेर रोहे

405859544. फ्रैंक लॉयड राइट

Question Number : 47 Question Id : 405859152 Question Type : MCQ Option Shuffling : Yes 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 Author of "Toward an Architecture"?

Options :

405859545. Frank Ching

405859546. Le Corbusier

405859547. Kevin A. Lynch

405859548. Frank Wright

Question Number : 47 Question Id : 405859152 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

टॉवर्ड एन आर्किटेक्चर के लेखक कौन हैं?

Options :

405859545. फ्रैंक चिंग

405859546. ले कॉर्बुसर

405859547. केविन ए लिंग

405859548. फ्रैंक चिंग

Question Number : 48 Question Id : 405859153 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Hiroshima Peace Memorial Museum in Japan was designed by :

Options :

405859549. I. M. Pie

405859550. Tadao Ando

405859551. Kenzo Tange

405859552. Kisho Kurokawa

Question Number : 48 Question Id : 405859153 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जापान में स्थित हिरोशिमा शांति स्मारक संग्राहलय किसके द्वारा डिजाइन किया गया था?

Options :

405859549. आई.एम. पाइ

405859550. टाडो अन्दो

405859551. केंज़ो टानो

405859552. किशो कुरोकावा

Question Number : 49 Question Id : 405859154 Question Type : MCQ Option Shuffling : Yes 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 principle of Design?

Options :

405859553. Emphasis

405859554. Focal Point

405859555. Unity

405859556. Rhythm

Question Number : 49 Question Id : 405859154 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा एक डिज़ाइन का सिद्धान्त नहीं है?

Options :

405859553. जोर देना

405859554. केन्द्रीय बिन्दू

405859555. एकत्व

405859556. सामंजस्य

Question Number : 50 Question Id : 405859155 Question Type : MCQ Option Shuffling : Yes 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 software is not used by architects

Options :

405859557. Staad. Pro

405859558. 3D Max

405859559. Revit

405859560. Sketch Up

Question Number : 50 Question Id : 405859155 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा सॉफ्टवेयर वास्तुविदों द्वारा प्रयोग नहीं किया जाता है?

Options :

405859557. स्टैड प्रो.

405859558. 3D मैक्स

405859559. रेवित

405859560. स्केच अप

Question Number : 51 Question Id : 405859156 Question Type : MCQ Option Shuffling : Yes 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 built the Shalimar Bagh, Srinagar?

Options :

405859561. Bega Begum

405859562. Akbar

405859563. Shah Jahan

405859564. Jahangir

Question Number : 51 Question Id : 405859156 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

श्रीनगर में शालिमार बाग का निर्माण किसने करवाया था?

Options :

405859561. बेगा बेगम

405859562. अकबर

405859563. शाहजहाँ

405859564. जहाँगीर

Question Number : 52 Question Id : 405859157 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Kanpur, Uttar Pradesh is also known as :

Options :

405859565. The Leather City

405859566. Wine Capital of India

405859567. The Orange City

405859568. City of Nawabs

Question Number : 52 Question Id : 405859157 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

उत्तर प्रदेश स्थित कानपुर _____ के नाम से भी जाना जाता है।

Options :

405859565. लेदर सिटी (चर्मनगरी)

405859566. भारत की शराब (मदिरा) राजधानी

405859567. नारंगी नगर

405859568. नवाबों का शहर

Question Number : 53 Question Id : 405859158 Question Type : MCQ Option Shuffling : Yes 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 the load is transferred from the super structure to sub structure?

- A. Beam
- B. Slab
- C. Foundation
- D. Earth
- E. column

Choose the correct answer from the options given below:

Options :

405859569. A, B, E, D, C

405859570. E, A, C, B, D

405859571. A, B, C, D, E

405859572. B, A, E, C, D

Question Number : 53 Question Id : 405859158 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

भार को अधिसंरचना से उपसंरचना में कैसे रूपांतरित किया जाता है?

- A. बिम (धरन)
- B. स्लैब (पटिया)
- C. नींव
- D. भूमि
- E. कॉलम (स्तंभ)

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

Options :

405859569. A, B, E, D, C

405859570. E, A, C, B, D

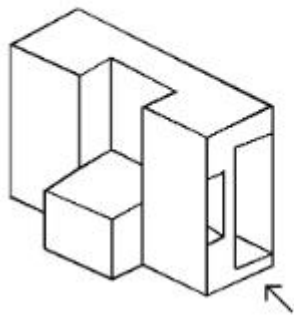
405859571. A, B, C, D, E

405859572. B, A, E, C, D

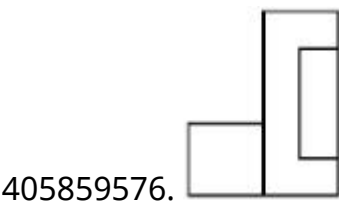
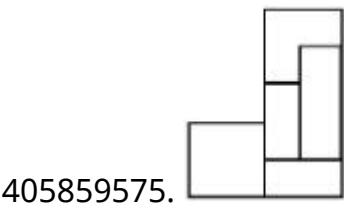
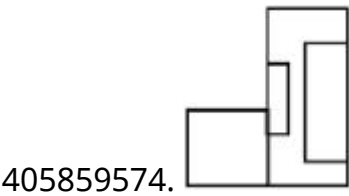
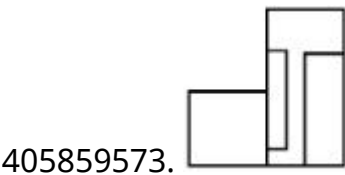
Question Number : 54 Question Id : 405859159 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The Question figure shows the 3D view of an object. Identify the correct view, looking in the direction of Arrow, identify the correct view of the object.

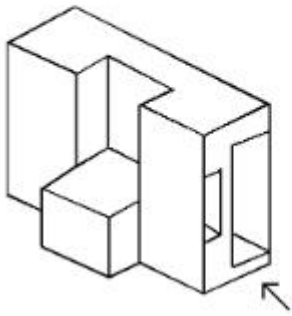


Options :

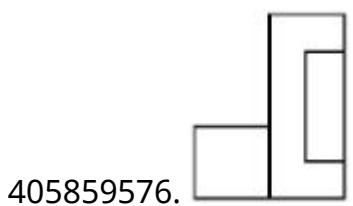
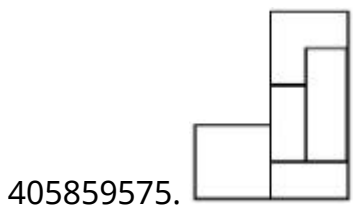
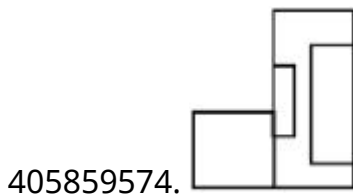
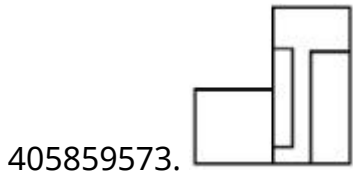


Question Number : 54 Question Id : 405859159 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

प्रश्नात्मक आकृति किसी वस्तु का 3D दृश्य दर्शाती है तीर की दिशा में दृष्टिगत करते हुए सही दृश्य की पहचान करें:



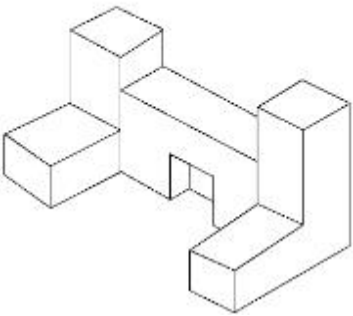
Options :



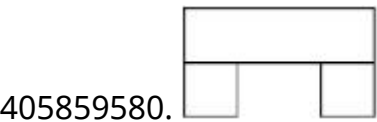
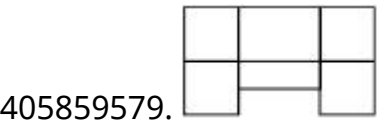
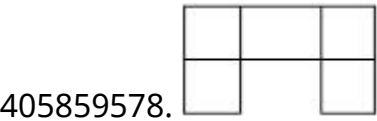
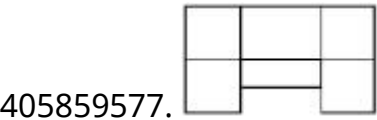
Question Number : 55 Question Id : 405859160 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The question figure shows the 3D view of an object. Identify the correct top view amongst the answer figures.

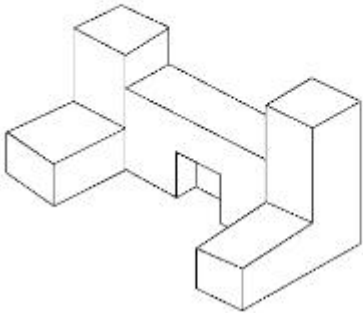


Options :

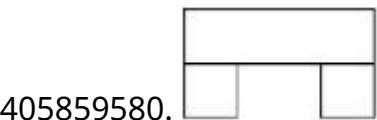
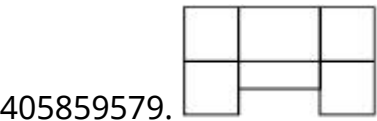
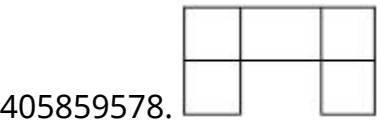
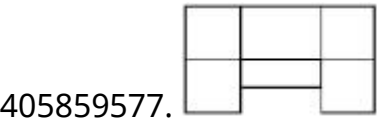


Question Number : 55 Question Id : 405859160 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

प्रश्नाकीय आकृति किसी वस्तु का 3D दृश्य दर्शाती है। उत्तर आकृतियों में से सही शीर्ष दृश्य की पहचान करें।



Options :



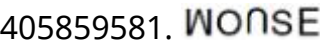
Question Number : 56 Question Id : 405859161 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the mirror image of the given word with respect to X-X



Options :



405859582. WOn2E

405859583. WOU2E

405859584. WOU2E

Question Number : 56 Question Id : 405859161 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

X-X के संबंध में दिए गए शब्द के दर्पण प्रतिबिंब (बिम्ब) की पहचान करें:

X  X
MOUSE

Options :

405859581. WOnSE

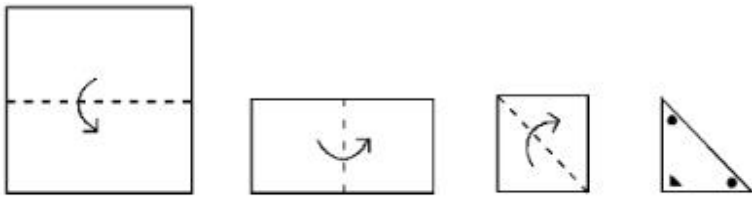
405859582. WOn2E

405859583. WOU2E

405859584. WOU2E

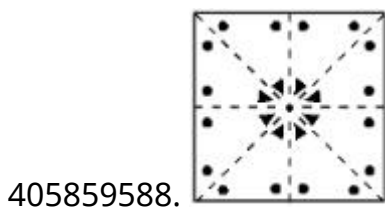
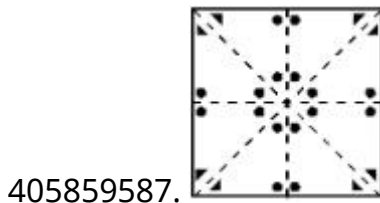
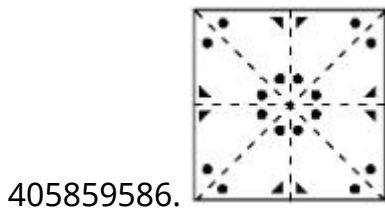
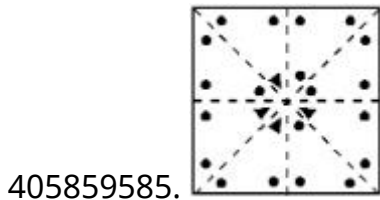
Question Number : 57 Question Id : 405859162 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



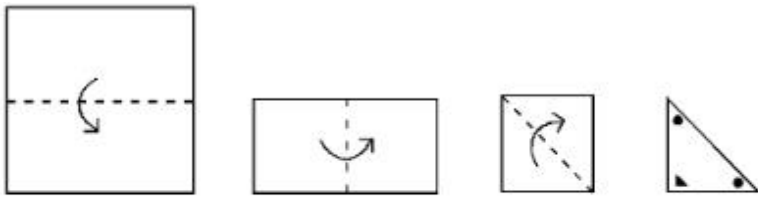
When the paper is folded in a given pattern and it is cut at the end. Identify which pattern is formed when the paper is unfold.

Options :



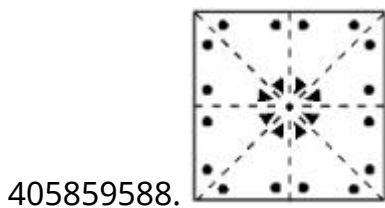
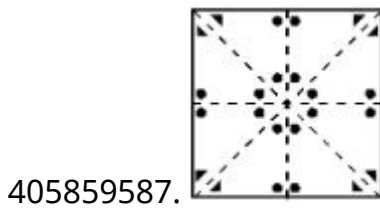
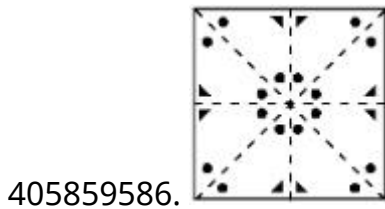
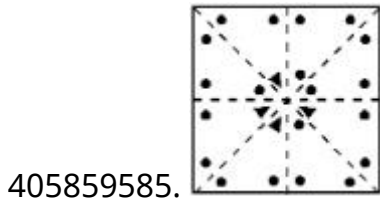
Question Number : 57 Question Id : 405859162 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



जब एक कागज को दिए गए पैटर्न अनुरूप मोड़ा जाता है, अन्त में काटा जाता है, पहचान करें कि जब कागज सीधा (अनफोल्ड) किया जाए कौन सा पैटर्न बनेगा।

Options :



Question Number : 58 Question Id : 405859163 Question Type : MCQ Option Shuffling : Yes Is

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

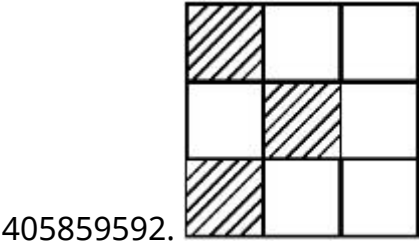
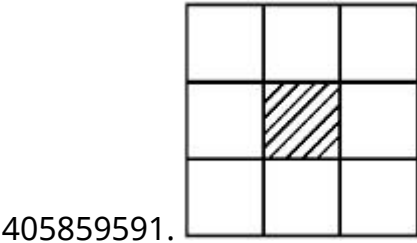
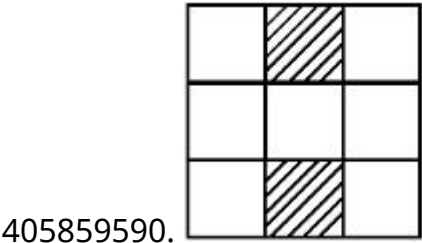
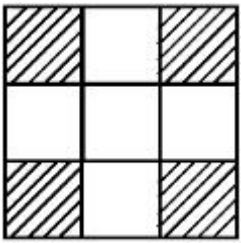
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the figure which is odd from rest of the figures.

Options :

405859589.

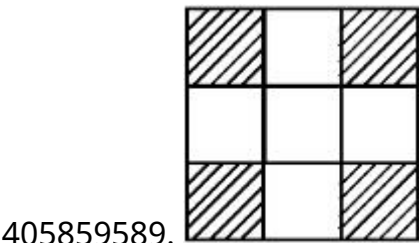


Question Number : 58 Question Id : 405859163 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

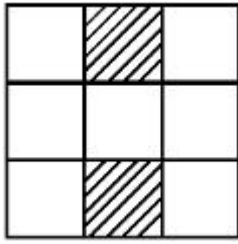
Correct Marks : 4 Wrong Marks : 1

दी गई आकृतियों में से उस आकृति की पहचान करें जो बाकी से अलग है।

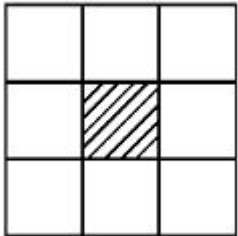
Options :



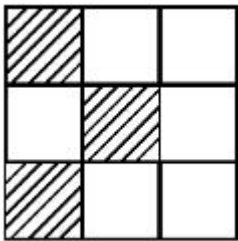
405859590.



405859591.



405859592.



Question Number : 59 Question Id : 405859164 Question Type : MCQ Option Shuffling : Yes 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 : Stone masonry is classified into two parts - Random rubble and ashlar masonry.

Statement II : Random Rubble masonry, each stone is cut to uniform size and shape with all sides rectangular so that stones gives perfect joints.

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

Options :

405859593. Both Statement I and Statement II are true

405859594. Both Statement I and Statement II are false

405859595. Statement I is true but Statement II is false

405859596. Statement I is false but Statement II is true

Question Number : 59 Question Id : 405859164 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए जा रहे हैं:

कथन I : पत्थर राजगीरी को दो भागों में वर्गीकृत किया गया है - रैंडम रबबल और आशलर राजगारी

कथन II : रैंडम रबबल राजगीरी, प्रत्येक पत्थर को सम-आकार में काटा जाता है और सभी ओर से ठीक से जोड़ने के लिए आयताकार रूप में काटा जाता है। ताकि पत्थर में परिपूर्ण जोड़ दिया जा सके।

उपरोक्त कथनों के आलोक में नीचे दिए गए विकल्पों में से सही उत्तर का चयन करें:

Options :

405859593. दोनों कथन-I और कथन-II सही हैं।

405859594. दोनों कथन-I और कथन-II गलत हैं।

405859595. कथन-I सही किन्तु कथन-II गलत है।

405859596. कथन-I गलत किन्तु कथन-II सही है।

Question Number : 60 Question Id : 405859165 Question Type : MCQ Option Shuffling : Yes 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 type of Garden by understanding the elements used in the given picture:



Options :

405859597. Roman Garden

405859598. Japanese Garden

405859599. French Garden

405859600. Chinese Garden

Question Number : 60 Question Id : 405859165 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए चित्र में प्रयोग किए गए अवयवों को समझते हुए बाग (गार्डन) की पहचान करें:



Options :

405859597. रोमन गार्डन

405859598. जापानी गार्डन

405859599. फ्रेंच गार्डन

405859600. चाइनीज गार्डन

Question Number : 61 Question Id : 405859166 Question Type : MCQ Option Shuffling : Yes 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.	Rila Monastery	I.	Egypt
B.	Moha Bodhi Temple	II.	Bulgaria
C.	Wadi al Hitan	III.	Malta
D.	Valletta	IV.	India

Choose the correct answer from the options given below:

Options :

405859601. A-IV, B-III ,C-I ,D-II

405859602. A-II, B-IV ,C-I ,D-III

405859603. A-IV, B-I ,C-II ,D-III

405859604. A-II, B-IV ,C-III ,D-I

Question Number : 61 Question Id : 405859166 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II के साथ मिलान करें:

सूची I		सूची II	
A.	रिला मोनेस्ट्री	I.	मिश्र
B.	महा बोधी- मंदिर	II.	बुल्गारिया
C.	वाडि अल हिटन	III.	माल्टा
D.	वैलेटा	IV.	भारत

नीचे दिए गए विकल्पों में से सही उत्तर का चयन करें:

Options :

405859601. A-IV, B-III ,C-I ,D-II

405859602. A-II, B-IV ,C-I ,D-III

405859603. A-IV, B-I ,C-II ,D-III

405859604. A-II, B-IV ,C-III ,D-I

Question Number : 62 Question Id : 405859167 Question Type : MCQ Option Shuffling : Yes 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 name of the monument :



Options :

405859605. The Pantheon

405859606. The Cathedral of Pisa

405859607. The Parthenon

405859608. Great Temple of Karnak

Question Number : 62 Question Id : 405859167 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

स्मारक के नाम की पहचान करें:



Options :

405859605. दी पैथन

405859606. दी कैथेड्रल ऑफ पीसा

405859607. दी पार्थन

405859608. ग्रेट टेम्पल ऑफ कार्नाक

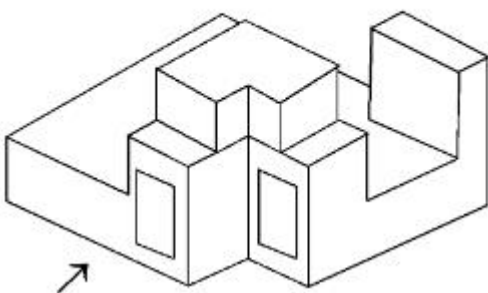
Question Number : 63 Question Id : 405859168 Question Type : MCQ Option Shuffling : Yes Is

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

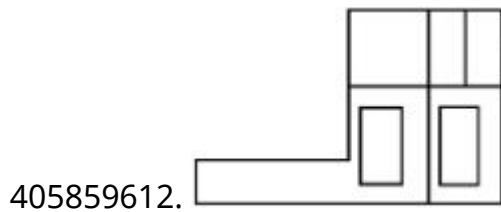
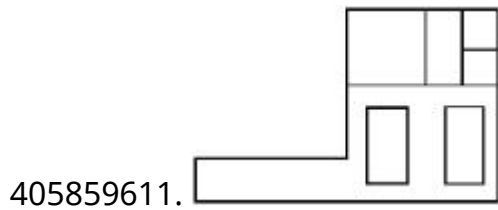
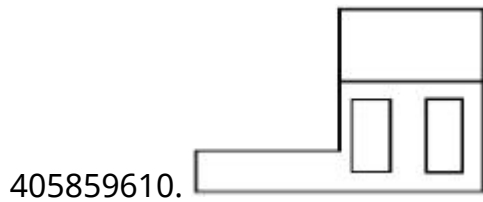
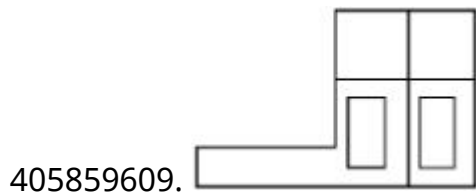
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



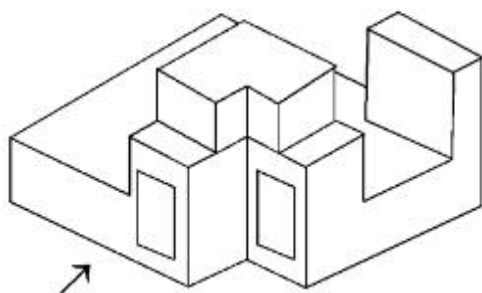
Options :



Question Number : 63 Question Id : 405859168 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

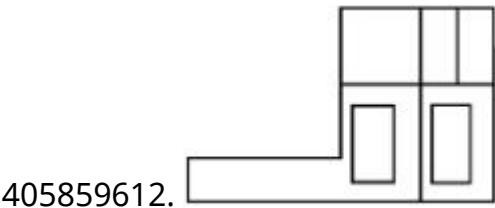
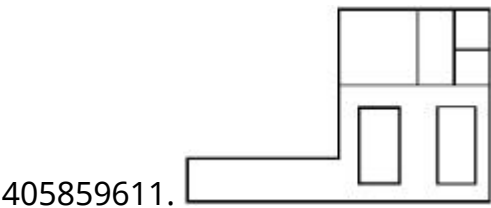
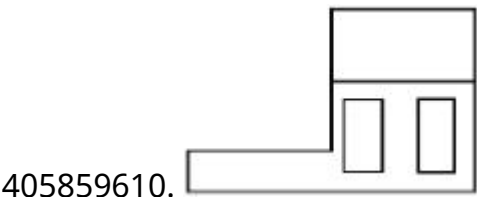
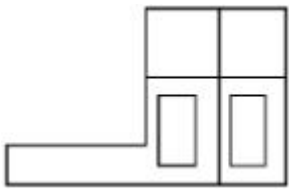
Correct Marks : 4 Wrong Marks : 1

प्रश्न आकृतिक किसी वस्तु का 3D दृश्य दर्शाती है। तीर की दिशाएं दृष्टिगत करते हुए सही दृश्य की पहचान करें:



Options :

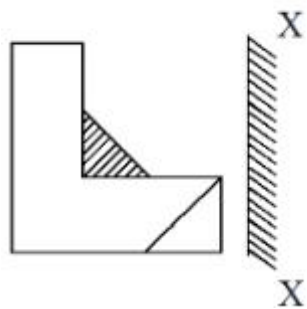
405859609.



Question Number : 64 Question Id : 405859169 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

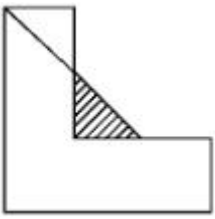
Correct Marks : 4 Wrong Marks : 1

Identify the correct mirror image of the given figure along X-axis.

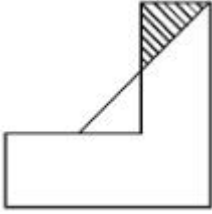


Options :

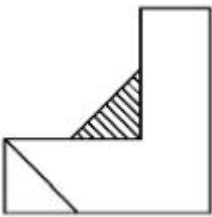
405859613.



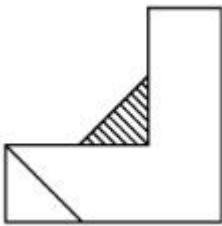
405859614.



405859615.



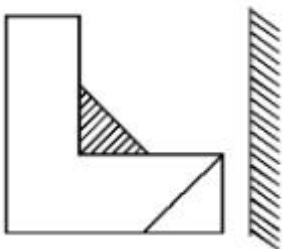
405859616.



Question Number : 64 Question Id : 405859169 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

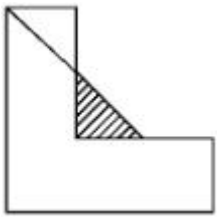
Correct Marks : 4 Wrong Marks : 1

X-axis के साथ आकृति के सही दर्पण बिम्ब की पहचान करें:

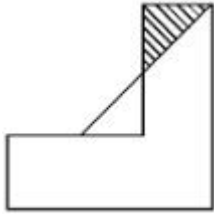


Options :

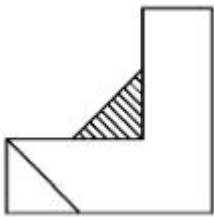
405859613.



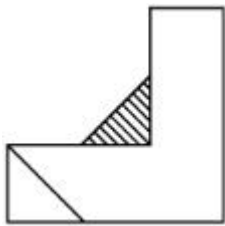
405859614.



405859615.



405859616.



Question Number : 65 Question Id : 405859170 Question Type : MCQ Option Shuffling : Yes 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 given word

ARCHITECTURE |

Options :

405859617. ARCHITECTURE

405859618. ARCHITECTURE

405859619. ARCHITECTURE

405859620. ARCHITECTURE

Question Number : 65 Question Id : 405859170 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए शब्द के दर्पण बिम्ब की पहचान करें।

ARCHITECTURE |

Options :

405859617. ARCHITECTURE

405859618. ARCHITECTURE

405859619. ARCHITECTURE

405859620. ARCHITECTURE

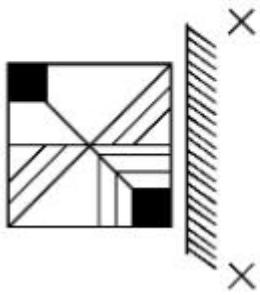
Question Number : 66 Question Id : 405859171 Question Type : MCQ Option Shuffling : Yes Is

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

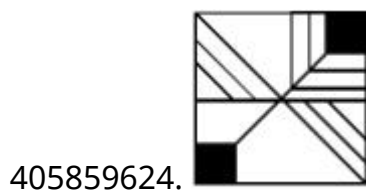
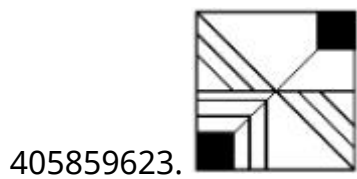
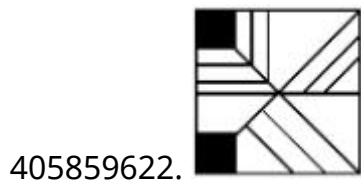
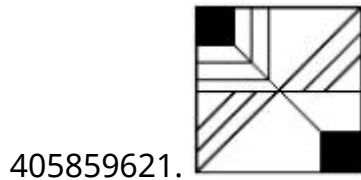
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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



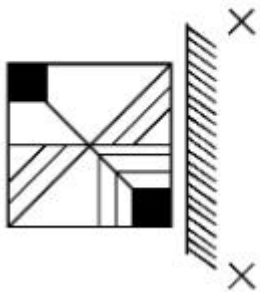
Options :



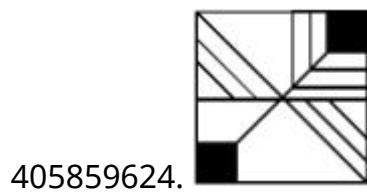
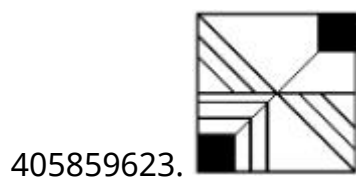
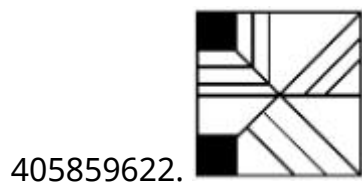
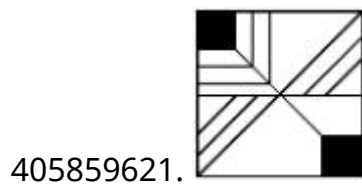
Question Number : 66 Question Id : 405859171 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

X-X के सम्बंध में उत्तर आकृति में से सही दर्पण बिम्ब की पहचान करें:



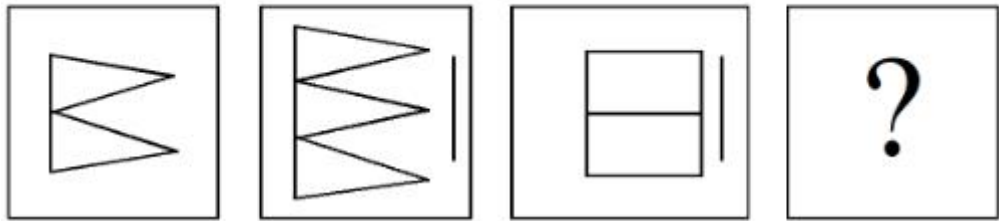
Options :



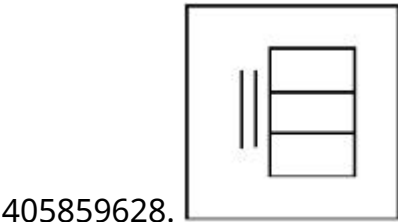
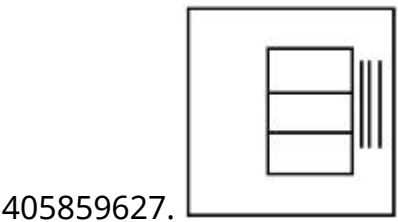
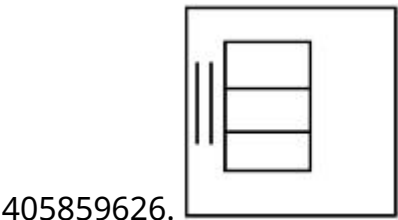
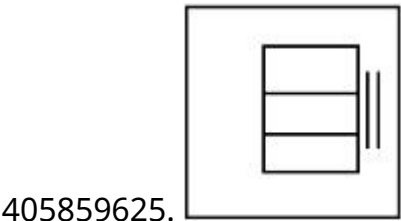
Question Number : 67 Question Id : 405859172 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct figure to complete the sequence :



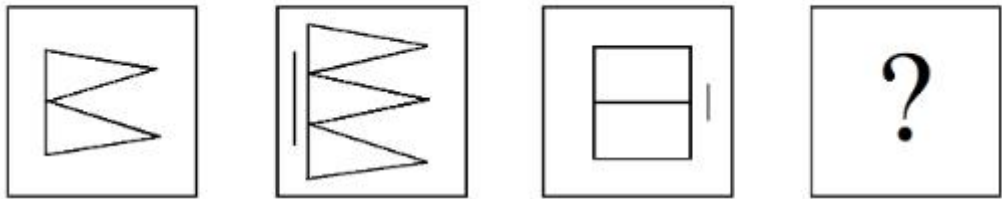
Options :



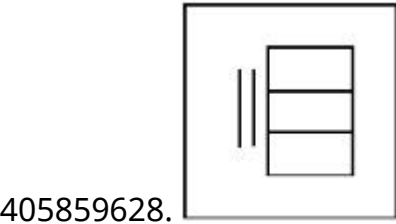
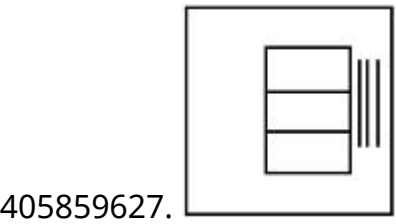
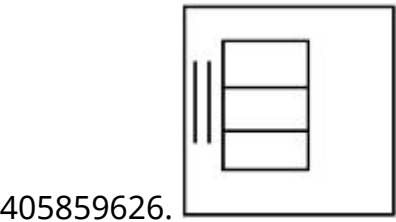
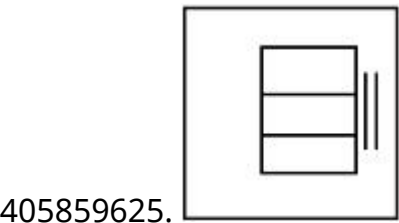
Question Number : 67 Question Id : 405859172 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दी गई आकृतियों के सही अनुक्रम की पहचान करें:



Options :



Question Number : 68 Question Id : 405859173 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Complete the number series

10, 30, 68, 130, _____, 350

Options :

405859629. 222

405859630. 192

405859631. 220

405859632. 216

Question Number : 68 Question Id : 405859173 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अंको की श्रंखला को पूर्ण करें:

10, 30, 68, 130, _____, 350

Options :

405859629. 222

405859630. 192

405859631. 220

405859632. 216

Question Number : 69 Question Id : 405859174 Question Type : MCQ Option Shuffling : Yes 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 clock, the time is 11:35 AM. The clock is so placed that its hour hand is facing North-West. In which direction will be minute hand facing?

Options :

405859633. South- East

405859634. South-West

405859635. North-West

405859636. North- East

Question Number : 69 Question Id : 405859174 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक दिवार घड़ी में समय है 11:35 पूर्वाह्न, दिवार घड़ी इस प्रकार से लगाई गई है कि उसके घंटों की सूई - उत्तर - पश्चिम के अभिमुख है। मिनट की सूई किस दिशा को अभिमुख होगी?

Options :

405859633. दक्षिण - पूर्व

405859634. दक्षिण - पश्चिम

405859635. उत्तर - पश्चिम

405859636. उत्तर - पूर्व

Question Number : 70 Question Id : 405859175 Question Type : MCQ Option Shuffling : Yes 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.	Brick	I.	Dampness Prevention
B.	Arch	II.	Bevelled closer
C.	Lintel	III.	Openings
D.	Cavity wall	IV.	Span

Choose the correct answer from the options given below:

Options :

405859637. A-IV, B-II, C-I, D-III

405859638. A-II, B-I, C-III, D-IV

405859639. A-III, B-I, C-II, D-IV

405859640. A-II, B-IV, C-III, D-I

Question Number : 70 Question Id : 405859175 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान करें:

सूची I		सूची II	
A.	ईंट	I.	सीलन रोधी
B.	मेहराब	II.	बेवलड क्लोज़र
C.	लिंगेल	III.	ओपनिंग्स
D.	कैविटी वाल	IV.	स्पान

दिए गए विकल्पों में से सही उत्तर का चयन करें:

Options :

405859637. A-IV, B-II, C-I, D-III

405859638. A-II, B-I, C-III, D-IV

405859639. A-III, B-I, C-II, D-IV

405859640. A-II, B-IV, C-III, D-I

Question Number : 71 Question Id : 405859176 Question Type : MCQ Option Shuffling : Yes 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 (Buildings)		LIST II (Architects)	
A.	Habital 67	I.	F. L. Wright
B.	Falling Water	II.	Moshe Safdi
C.	Gherkin Tower	III.	Louis Kahn
D.	Fisher House	IV.	Norman Foster

Choose the correct answer from the options given below:

Options :

405859641. A-II, B-I, C-IV, D-III

405859642. A-IV, B-II, C-III, D-I

405859643. A-IV, B-I, C-II, D-III

405859644. A-I, B-III, C-IV, D-II

Question Number : 71 Question Id : 405859176 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान करें:

सूची I (भवन)		सूची II (वास्तुकार)	
A.	हैबिटल 67	I.	एफ. एल. राईट
B.	फालिंग वाटर	II.	मोशे सफदि
C.	गेर्किन टावर	III.	लुईस काह्न
D.	फिशर हाउस	IV.	नॉर्मन फोस्टर

नीचे दिए गए विकल्पों में से सही उत्तर चुने:

Options :

405859641. A-II, B-I, C-IV, D-III

405859642. A-IV, B-II, C-III, D-I

405859643. A-IV, B-I, C-II, D-III

405859644. A-I, B-III, C-IV, D-II

Question Number : 72 Question Id : 405859177 Question Type : MCQ Option Shuffling : Yes 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 famous building in the given picture :



Options :

405859645. Mysore Palace

405859646. Khalsa Heritage Complex

405859647. Hotel Taj Mahal Palace

405859648. Victoria Memorial

Question Number : 72 Question Id : 405859177 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए चित्र में सुप्रसिद्ध भवन की पहचान करें:



Options :

405859645. मैसूर पैलेस

405859646. खालसा हेरिटेज कॉम्प्लेक्स

405859647. होटल ताज महल पैलेस

405859648. विक्टोरिया मेमोरियल

Question Number : 73 Question Id : 405859178 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'LEED' stands for :

Options :

405859649. Leadership in Energy and Environmental Design

405859650. Leadership in Environmental and Energy Design

405859651. Leadership in Energy Efficient Design

405859652. Leadership in Environmental Energy Design

Question Number : 73 Question Id : 405859178 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'LEED' का अर्थ:

Options :

405859649. लीडरशीप इन एनर्जी एंड एनवायरमेंटल डिजाइन

405859650. लीडरशीप इन एनवायरमेंट एण्ड एनर्जी डिजाइन

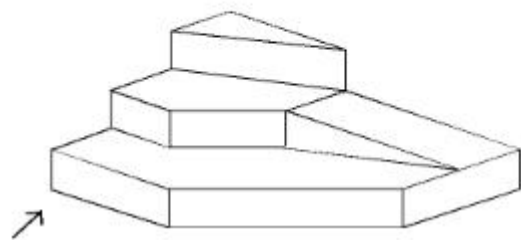
405859651. लीडरशीप इन एनर्जी एफिसिएन्ट डिजाइन

405859652. लीडरशीप इन एनवायरमेंटल एनर्जी डिजाइन

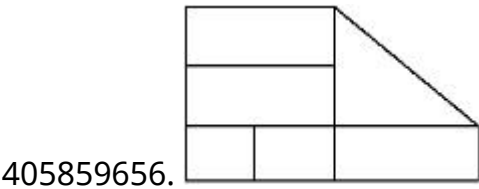
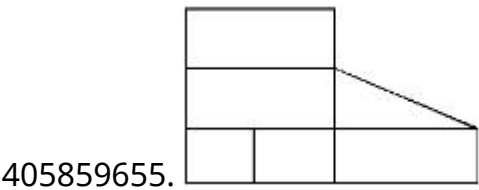
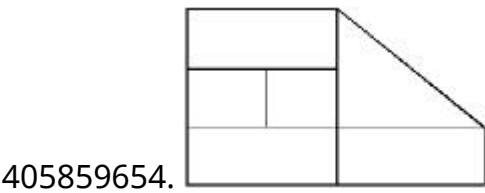
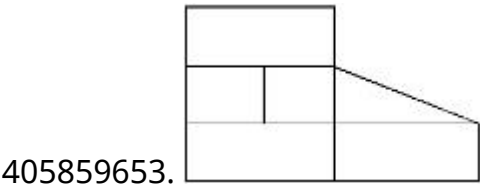
Question Number : 74 Question Id : 405859179 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

From the given 3D view of an object, identify the most appropriate elevation looking in the direction of the given arrow :



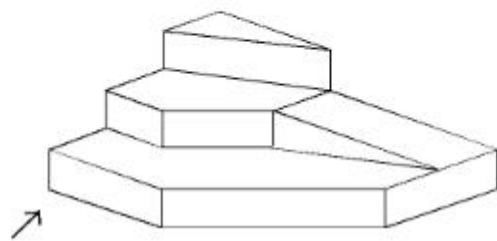
Options :



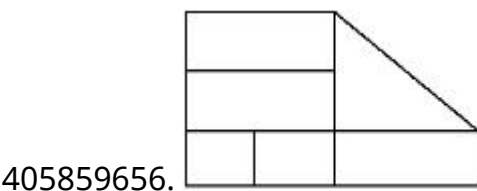
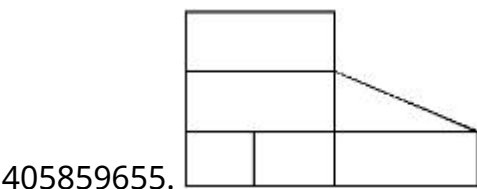
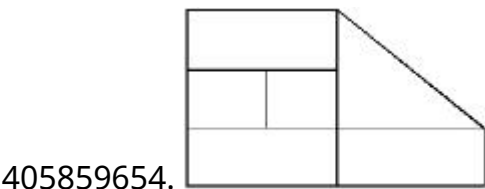
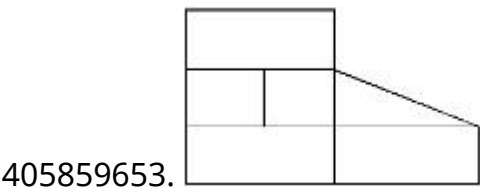
Question Number : 74 Question Id : 405859179 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दर्शाई गई वस्तु का 3D दृश्य देखें और उसमें दर्शाए गए तीर की दिशा में सर्वाधिक उपयुक्त उत्थापन की पहचान करें:



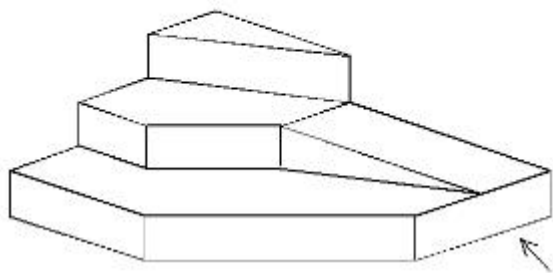
Options :



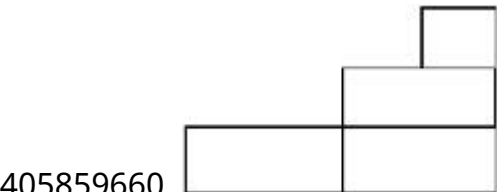
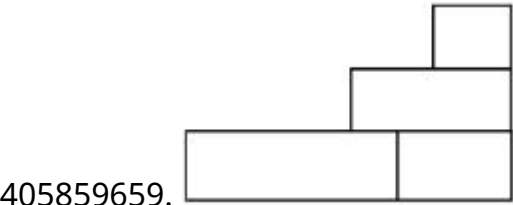
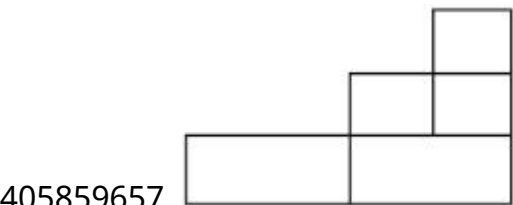
Question Number : 75 Question Id : 405859180 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

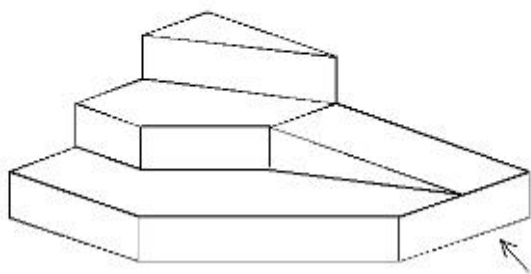
From the given 3D view of an object, identify the most appropriate elevation looking in the direction of the given arrow.



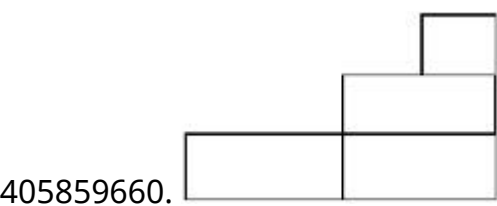
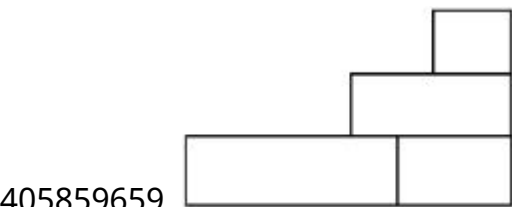
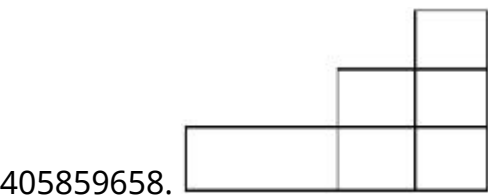
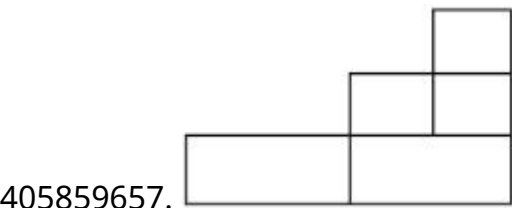
Options :



दर्शाई गई 3D वस्तु का 3D दृश्य देखें और, तीर की दिशा में दिखने वाले सर्वाधिक उपयुक्त उत्थापन की पहचान करें।

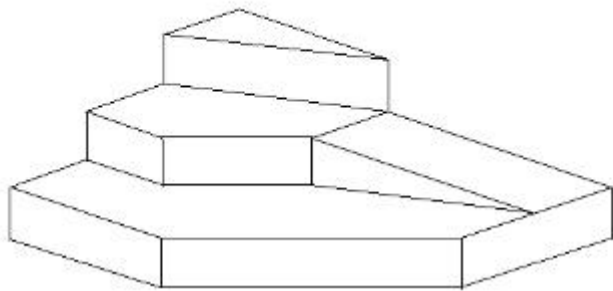


Options :

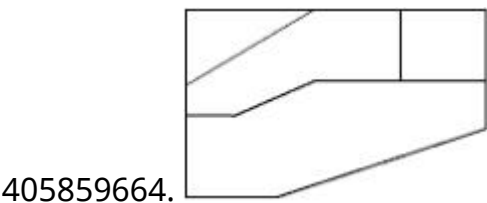
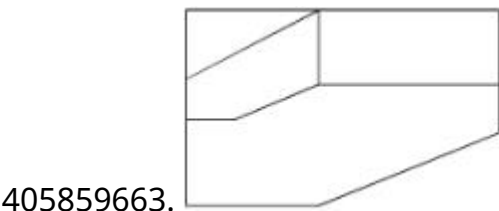
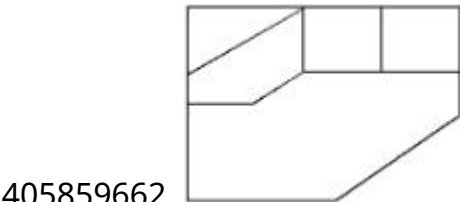
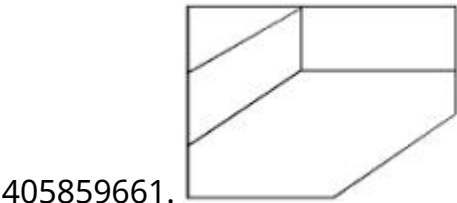


Question Number : 76 Question Id : 405859181 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Choose the correct top view of the given 3D image from the options.

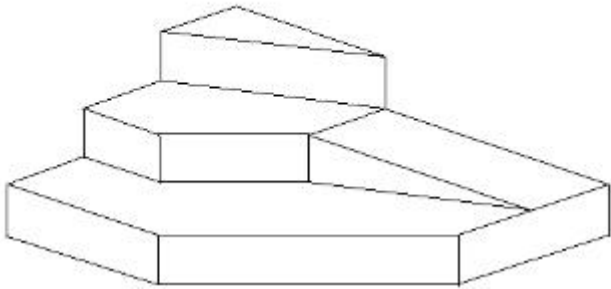


Options :

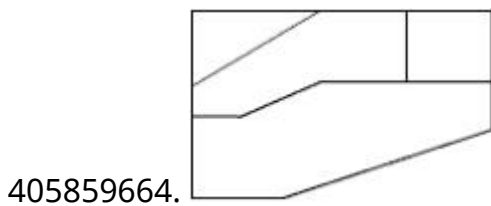
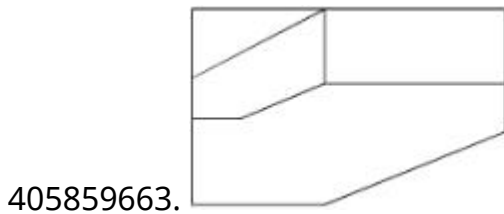
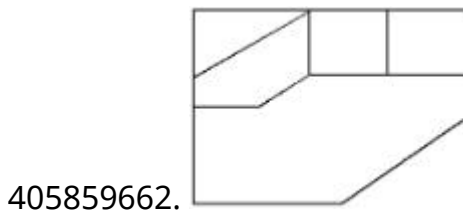
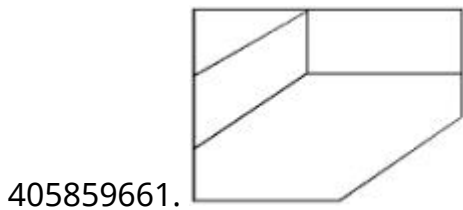


Question Number : 76 Question Id : 405859181 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

दिए गए विकल्पों में से दर्शाए गए 3D चित्र के सही शीर्ष दृश्य का चयन करें:



Options :



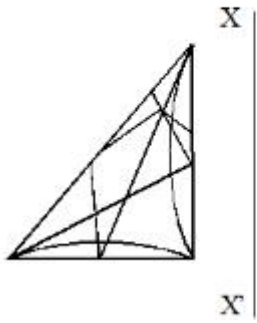
Question Number : 77 Question Id : 405859182 Question Type : MCQ Option Shuffling : Yes Is

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

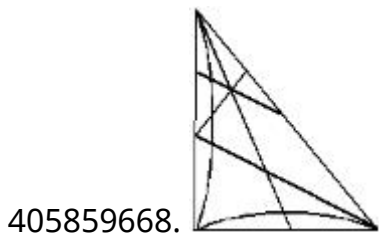
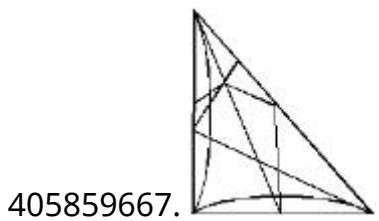
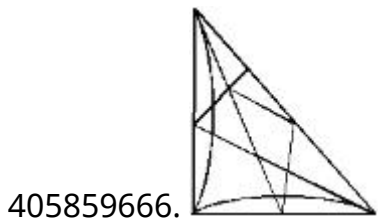
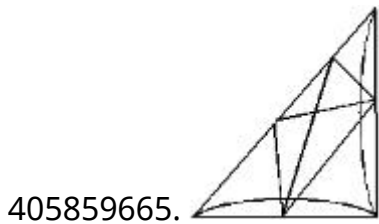
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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

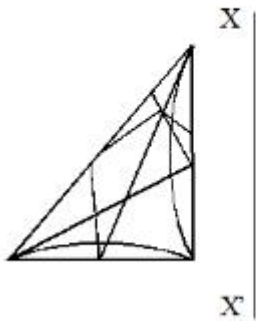


Options :

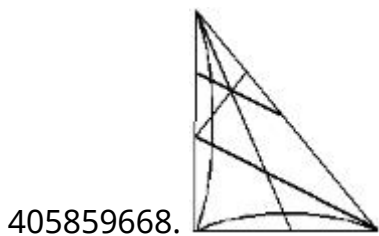
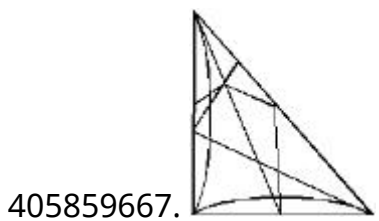
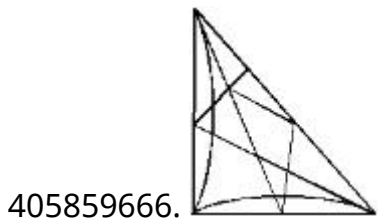
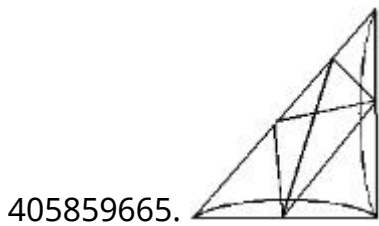


Question Number : 77 Question Id : 405859182 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

X-X के संबंध में उत्तर आकृतियों में से सही दर्पण आकृति के चित्र की पहचान करें:



Options :



Question Number : 78 Question Id : 405859183 Question Type : MCQ Option Shuffling : Yes 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 : One is labelled as **Assertion A** and the other is labelled as **Reason R**.

Assertion A : Green buildings have a lower life cycle cost than conventional buildings.

Reason R : Green buildings require less maintenance and have lower energy and water consumption.

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

Options :

405859669. Both **A** and **R** are correct and **R** is the correct explanation of **A**

405859670. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**

405859671. **A** is correct but **R** is not correct

405859672. **A** is not correct but **R** is correct

Question Number : 78 Question Id : 405859183 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक को अभिकथन A अंकित किया गया है और दूसरे को कारण R के रूप में अंकित किया गया है।

अभिकथन A : हरित भवनों का जीवन चक्र पारंपरिक भवनों की तुलना में अल्प होता है।

कारण R : हरित भवनों के रखरखाव की कम आवश्यकता होती है और उनमें कम उर्जा और जल की खपत होती है।

उपरोक्त कथनों के आलोक में नीचे दिए गए विकल्पों में से सर्वथा उपयुक्त उत्तर का चयन करें:

Options :

405859669. दोनों **A** और **R** सही है तथा **R**, **A** का सही स्पष्टीकरण है।

405859670. दोनों A और R सही हैं किन्तु A का सही स्पष्टीकरण R नहीं है।

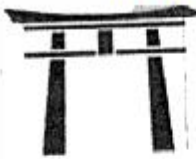
405859671. A सही हैं किन्तु R सही नहीं है।

405859672. A सही नहीं है किन्तु R सही है।

Question Number : 79 Question Id : 405859184 Question Type : MCQ Option Shuffling : Yes 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 Bridge	I.	
B.	Torii	II.	
C.	Stonehenge	III.	
D.	Petronas Tower	IV.	

Choose the correct answer from the options given below:

Options :

405859673. A-III, B-II, C-IV, D-I

405859674. A-IV, B-III, C-I, D-II

405859675. A-III, B-II, C-I, D-IV

405859676. A-IV, B-I, C-II, D-III

Question Number : 79 Question Id : 405859184 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I का सची II से मिलान करें:

सूची I		सूची II	
A.	टावर ब्रिज	I.	
B.	टोरी	II.	
C.	स्टोन हेंज	III.	
D.	पेट्रोनस टावर	IV.	

नीचे दिए गए विकल्पों में से सही उत्तर का चयन करें:

Options :

405859673. A-III, B-II, C-IV, D-I

405859674. A-IV, B-III, C-I, D-II

405859675. A-III, B-II, C-I, D-IV

405859676. A-IV, B-I, C-II, D-III

Question Number : 80 Question Id : 405859185 Question Type : MCQ Option Shuffling : Yes 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 building material primarily used for cladding in Lotus Temple :



Options :

405859677. Dolomite

405859678. Lime

405859679. Marble

405859680. Granite

Question Number : 80 Question Id : 405859185 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

लोटस मन्दिर के आवरण में प्रयोग की गई भवन निर्माण की प्रमुख सामग्री की पहचान करें:



Options :

405859677. डोलामाइट

405859678. चूना (लाइम)

405859679. संगमरमर (मार्बल)

405859680. ग्रेनाइट

Planning

Section Id :	4058598
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 : 4058598
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 81 Question Id : 405859186 Question Type : MCQ Option Shuffling : Yes 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 NABARD?

Options :

405859681. National Bank for Agriculture and Rural Development

405859682. National Bank for Agriculture and Road Development

405859683. National Bank for Agriculture and River Development

405859684. National Bank for Agro farming and Reproduction

Question Number : 81 Question Id : 405859186 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नबार्ड का पूर्ण अर्थ क्या है?

Options :

405859681. नेशनल बैंक फॉर एग्रीकल्चर एण्ड रूरल डेवलपमेन्ट

405859682. नेशनल बैंक फॉर एग्रीकल्चर एण्ड रोड डेवलपमेन्ट

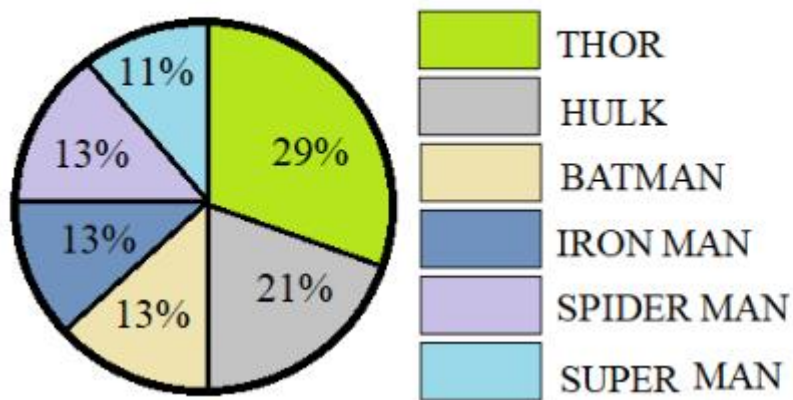
405859683. नेशनल बैंक फॉर एग्रीकल्चर एण्ड रीवर डेवलपमेन्ट

405859684. नेशनल बैंक फॉर एग्रो फार्मिंग एण्ड रीप्रोडक्शन

Question Number : 82 Question Id : 405859187 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

As per the following pie chart which superhero is second most popular hero ?



Options :

405859685. HULK

405859686. THOR

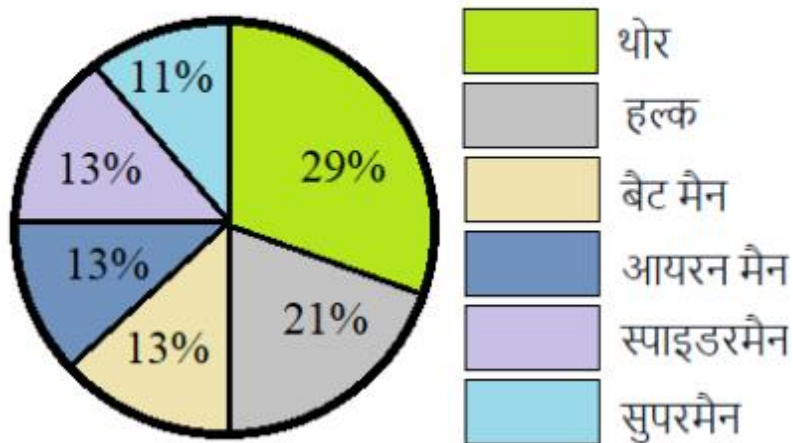
405859687. SUPERMAN

405859688. SPIDERMAN

Question Number : 82 Question Id : 405859187 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दिए गए पाई चार्ट के अनुसार कौन-सा सुपर हीरो से दूसरा सबसे लोकप्रिय हीरो है?



Options :

405859685. हल्क

405859686. थोर

405859687. सुपरमैन

405859688. स्पाइडरमैन

Question Number : 83 Question Id : 405859188 Question Type : MCQ Option Shuffling : Yes 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 was Indian National Congress set-up?

Options :

405859689. 28th December 1885

405859690. 28th November 1887

405859691. 28th October 1886

405859692. 28th December 1888

**Question Number : 83 Question Id : 405859188 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

भारतीय राष्ट्रीय काँग्रेस की स्थापना कब की गई थी?

Options :

405859689. 28 दिसम्बर 1885

405859690. 28 नवम्बर 1887

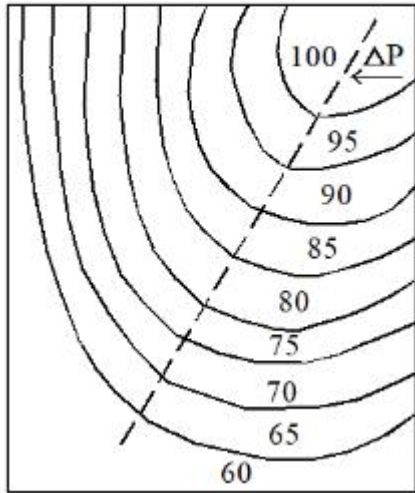
405859691. 28 अक्टूबर 1886

405859692. 28 दिसम्बर 1888

**Question Number : 84 Question Id : 405859189 Question Type : MCQ Option Shuffling : Yes 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 ΔP line represents a _____.



Options :

405859693. Ridge line

405859694. Slope line

405859695. Valley line

405859696. Vertical line

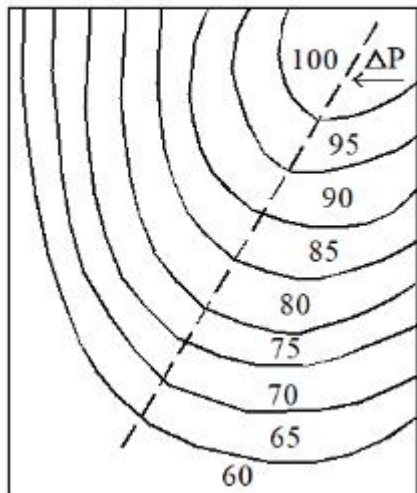
Question Number : 84 Question Id : 405859189 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए अरेख में ΔP रेखा द्योदक है _____.



Options :

405859693. कटक रेखा

405859694. ढलान रेखा

405859695. घाटी रेखा

405859696. ऊर्ध्वाधर रेखा

Question Number : 85 Question Id : 405859190 Question Type : MCQ Option Shuffling : Yes 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 (World Heritage site)		LIST II (State)	
A.	Agra fort	I.	Chittorgarh, Kumbhalgarh
B.	Ellora caves	II.	Uttar Pradesh
C.	Hills forts of Rajasthan	III.	Maharashtra
D.	Buddhist Monuments at Sanchi	IV.	Madhya Pradesh

Choose the correct answer from the options given below:

Options :

405859697. A-II, B-III, C-I, D-IV

405859698. A-I, B-II, C-III, D-IV

405859699. A-IV, B-III, C-II, D-I

405859700. A-I, B-II, C-IV, D-III

Question Number : 85 Question Id : 405859190 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I से सूची II का मिलान कीजिए:

सूची I (विश्व हैरिटेज स्थल)		सूची II (राज्य)	
A.	आगरा किला	I.	चित्तौड़गढ़, कुम्भलगढ़
B.	एलोरा की गुफा	II.	उत्तर प्रदेश
C.	राजस्थान के पहाड़ी किले	III.	महाराष्ट्र
D.	सांची के बौद्ध स्मारक	IV.	मध्य प्रदेश

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

Options :

405859697. A-II, B-III, C-I, D-IV

405859698. A-I, B-II, C-III, D-IV

405859699. A-IV, B-III, C-II, D-I

405859700. A-I, B-II, C-IV, D-III

Question Number : 86 Question Id : 405859191 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"Jai Vigyan" slogan was given by which Prime Minister of India?

Options :

405859701. Rajiv Gandhi

405859702. Atal Bihari Vajpayee

405859703. Narendra Modi

405859704. H.D. Deve Gowda

Question Number : 86 Question Id : 405859191 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

भारत के किस प्रधानमंत्री के द्वारा "जय विज्ञान" का नारा दिया गया था?

Options :

405859701. राजीव गाँधी

405859702. अटल बिहारी वाजपेयी

405859703. नरेन्द्र मोदी

405859704. एच. डी. देवगौड़ा

Question Number : 87 Question Id : 405859192 Question Type : MCQ Option Shuffling : Yes 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 : Planning Commission of India was launched in the year of 1952.

Statement II : From 1st January 2015, Planning Commission of India was replaced by NITI Ayog.

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

Options :

405859705. Both Statement I and Statement II are true

405859706. Both Statement I and Statement II are false

405859707. Statement I is true but Statement II is false

405859708. Statement I is false but Statement II is true

Question Number : 87 Question Id : 405859192 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : भारत के योजना आयोग की स्थापना वर्ष 1952 में की गई।

कथन II : 1 जनवरी 2015 से भारत के योजना आयोग के स्थान पर नीति आयोग प्रतिस्थापित किया गया।

उपर कहे गए कथनों के आधार पर, नीचे दिए गए विकल्पों में से सबसे उचित उत्तर चुनिए:

Options :

405859705. कथन I तथा कथन II दोनों सही हैं।

405859706. कथन I तथा कथन II दोनों गलत है।

405859707. कथन I सही है लेकिन कथन II गलत है।

405859708. कथन I गलत है लेकिन कथन II सही है।

Question Number : 88 Question Id : 405859193 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

GST was introduced as which amendment act?

Options :

405859709. 100th

405859710. 101st

405859711. 102nd

405859712. 103rd

Question Number : 88 Question Id : 405859193 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जीएसटी किस संशोधन अधिनियम के रूप में पेश किया गया?

Options :

405859709. 100वां

405859710. 101वां

405859711. 102वां

405859712. 103वां

Question Number : 89 Question Id : 405859194 Question Type : MCQ Option Shuffling : Yes 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 trade did the early entrepreneurs make a fortune ?

- A. Textile trade
- B. Trade in tea
- C. Industries
- D. China trade
- E. Wooden

Choose the correct answer from the options given below:

Options :

405859713. A only

405859714. B only

405859715. D only

405859716. C only

Question Number : 89 Question Id : 405859194 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन से व्यापार से प्रारंभिक उद्यमियों ने धन कमाया ?

- A. टेक्सटाईल व्यापार
- B. चाय का व्यापार
- C. उद्योग धन्धे
- D. चीन का व्यापार
- E. काष्ठ व्यापार

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

Options :

405859713. केवल A

405859714. केवल B

405859715. केवल D

405859716. केवल C

Question Number : 90 Question Id : 405859195 Question Type : MCQ Option Shuffling : Yes 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 gave the statement "Agriculture is the soul of India" ?

Options :

405859717. Sardar Vallabhbhai Patel

405859718. Jawaharlal Nehru

405859719. Mahatma Gandhi

405859720. Sarojini Naidu

Question Number : 90 Question Id : 405859195 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"कृषि, भारत की आत्मा है" यह कथन किसका है?

Options :

405859717. सरदार वल्लभ भाई पटेल

405859718. जवाहर लाल नेहरू

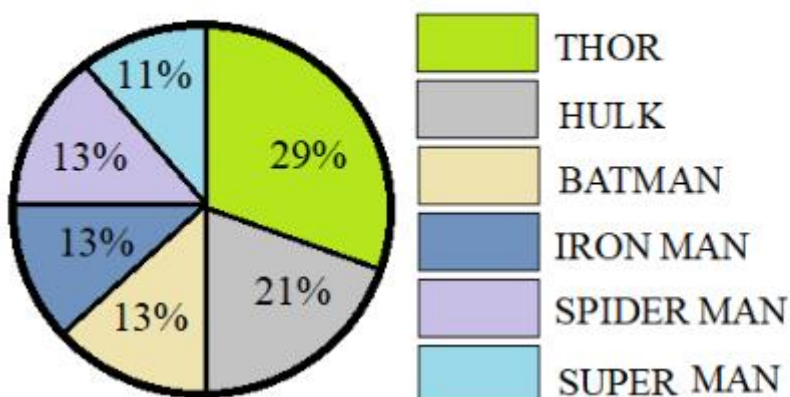
405859719. महात्मा गांधी

405859720. सरोजिनी नायडू

Question Number : 91 Question Id : 405859196 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

As per the following pie chart which super hero is the most popular hero?



Options :

405859721. HULK

405859722. SUPER MAN

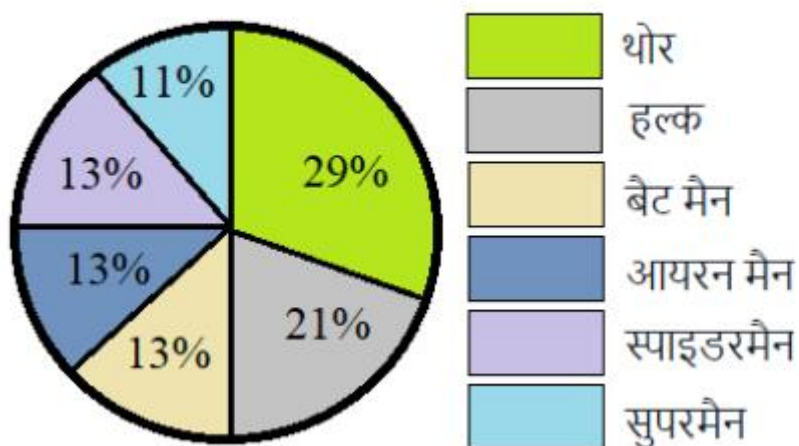
405859723. BAT MAN

405859724. THOR

Question Number : 91 Question Id : 405859196 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए पाई चार्ट के अनुसार, कौन सा सर्वोत्तम नायक सर्वाधिक मशहूर नायक है?



Options :

405859721. हल्क

405859722. सुपर मैन

405859723. बैट मैन

405859724. थोर

Question Number : 92 Question Id : 405859197 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Name of the ports which grew during the colonial period.

- A. Bombay
- B. Calcutta
- C. Surat
- D. Shillong
- E. Kanpur

Choose the correct answer from the options given below:

Options :

405859725. A, C only

405859726. A, B only

405859727. A, D only

405859728. A, E only

Question Number : 92 Question Id : 405859197 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

औपनिवेशिक काल के दौरान, कौन सा बन्दरगाह विकसित हुआ।

- A. बॉम्बे
- B. कलकत्ता
- C. सूरत
- D. शिलाँग
- E. कानपुर

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

Options :

405859725. केवल A, C

405859726. केवल A, B

405859727. केवल A, D

405859728. केवल A, E

Question Number : 93 Question Id : 405859198 Question Type : MCQ Option Shuffling : Yes 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 : One is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Nineteenth century indenture has been described as a 'new system of slavery'.

Reason R : New races of slaves were bought and encouraged to work far away from their home land.

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

Options :

405859729. Both **A** and **R** are correct and **R** is the correct explanation of **A**

405859730. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**

405859731. **A** is correct but **R** is not correct

405859732. **A** is not correct but **R** is correct

Question Number : 93 Question Id : 405859198 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं। एक को अभिकथन A अंकित किया गया है, और दूसरे को कारण R अंकित किया गया है:

अभिकथन A : उन्नीसवीं शताब्दी के गिरमिटिया को गुलामी की एक नई प्रणाली के रूप में वर्णित किया गया है।

कारण R : गुलामों की नई नस्लों को लाया गया और उन्हें अपनी घरेलू भूमि से दूर काम करने को प्रोत्साहित किया गया।

उपर कहे गए कथनों के आधार पर, नीचे दिये गये विकल्पों में से यथोचित उत्तर चुनिए:

Options :

405859729. A और R दोनों सही हैं, A की सही व्याख्या R है।

405859730. A और R दोनों सही हैं, किन्तु R, A की सही व्याख्या नहीं करता।

405859731. A सही है किन्तु R सही नहीं है।

405859732. A सही नहीं है किन्तु R सही है।

Question Number : 94 Question Id : 405859199 Question Type : MCQ Option Shuffling : Yes 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 are included in basic services in a developing country

- A. Water supply
- B. Broad Band
- C. Transport
- D. Electricity

Options :

405859733. A, B, C

405859734. A, B, D

405859735. B, C, D

405859736. A, C, D

Question Number : 94 Question Id : 405859199 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा एक विकसित देश की मूलभूत सेवाओं में सम्मिलित है?

- A. जल आपूर्ति
- B. ब्रॉड बैंड
- C. यातायात
- D. बिजली आपूर्ति

Options :

405859733. A, B, C

405859734. A, B, D

405859735. B, C, D

405859736. A, C, D

Question Number : 95 Question Id : 405859200 Question Type : MCQ Option Shuffling : Yes 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 first garden city 'Letchworth' was designed by

Options :

405859737. Clarence Perry

405859738. Ebenezer Howard

405859739. Raymond Unwin

405859740. Patrick Geddes

Question Number : 95 Question Id : 405859200 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रथम उद्यान नगर 'लेचवर्थ' _____ के द्वारा डिजाइन किया गया था:

Options :

405859737. क्लारेन्स पैरी

405859738. एबेनेज़र हॉवर्ड

405859739. रेमण्ड अनविन (अनविन)

405859740. पैट्रिक गैडेस

Question Number : 96 Question Id : 405859201 Question Type : MCQ Option Shuffling : Yes 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 case of residential apartments, the effective floor area available for use within an apartment is known as:

Options :

405859741. Carpet area

405859742. Built up area

405859743. Plinth area

405859744. Super built up area

Question Number : 96 Question Id : 405859201 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

आवासीय अपार्टमेंट में, कुल उपयोगी भूतल क्षेत्र को किस नाम से जाना जाता है?

Options :

405859741. कार्पेट क्षेत्र

405859742. निर्मित क्षेत्र

405859743. आधार क्षेत्र

405859744. बाह्य निर्मित क्षेत्र (सुपर बिल्ड अप क्षेत्र)

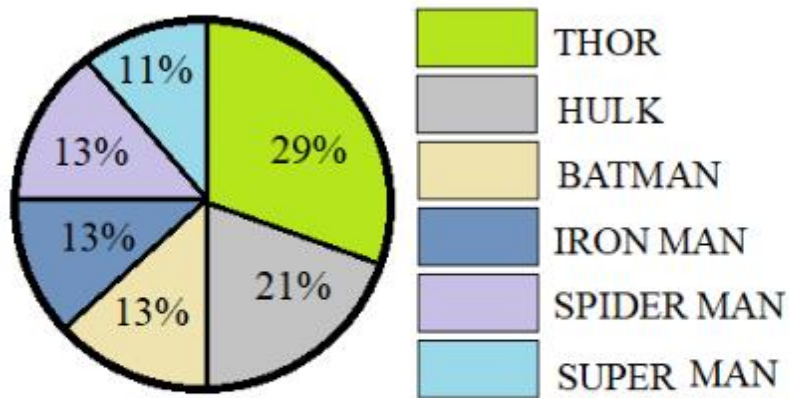
Question Number : 97 Question Id : 405859202 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The following pie chart gives us a picture of popularity of super hero. From this pie chart identify which of the following statement is/are correct.



- A. Spider man is the most popular super hero
- B. Iron man is the least popular super hero
- C. Popurlity of Batman and Spider man are equal.

Options :

405859745. A only

405859746. B and A only

405859747. C only

405859748. A and C only

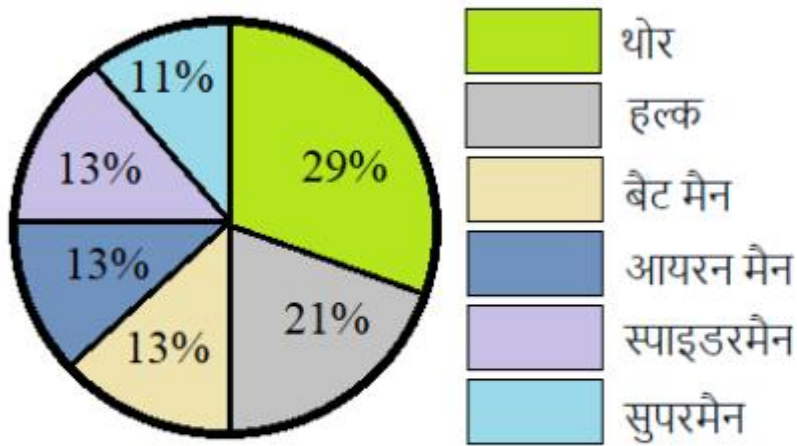
Question Number : 97 Question Id : 405859202 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिया गया पाई चार्ट एक सर्वोत्तम नायक की प्रसिद्धि को दर्शाता है, तो इस पाई चार्ट के आधार पर, निम्नलिखित कौन सा कथन सही है/हैं



- A. स्पाइडर मैन सबसे अधिक प्रसिद्ध सर्वोत्तम नायक है।
- B. आयरन मैन कम प्रसिद्ध सर्वोत्तम नायक है।
- C. बैटमैन और स्पाइडर मैन की प्रसिद्धि बराबर है।

Options :

405859745. केवल A

405859746. केवल B और A

405859747. केवल C

405859748. केवल A और C

Question Number : 98 Question Id : 405859203 Question Type : MCQ Option Shuffling : Yes 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 : America's civil war is responsible for cut off raw cotton from US.

Statement II : America's civil war is responsible for cut off crops that came from US.

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

Options :

405859749. Both Statement I and Statement II are correct

405859750. Both Statement I and Statement II are incorrect

405859751. Statement I is correct but Statement II is incorrect

405859752. Statement I is incorrect but Statement II is correct

Question Number : 98 Question Id : 405859203 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : अमेरिका का सिविल वार, अमेरिका के कच्चे कपास में कटौती के लिए जिम्मेदार है।

कथन II : अमेरिका का सिविल वार, अमेरिका से आने वाली फसलों में कटौती के लिए जिम्मेदार है।

उपर दिए गए कथनों के आधार पर, दिए गए विकल्पों में से यथोचित उत्तर चुनिए:

Options :

405859749. कथन I और कथन II दोनों कथन सही हैं।

405859750. कथन I और कथन II दोनों कथन गलत हैं।

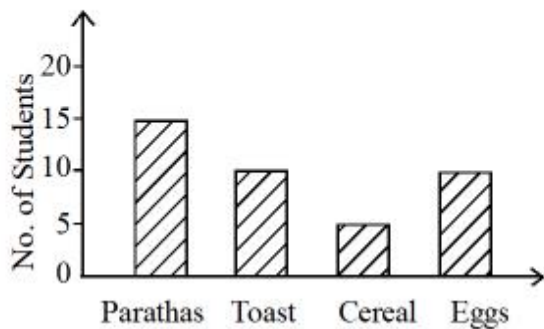
405859751. कथन I सत्य है, किन्तु कथन II सही नहीं है।

405859752. कथन I सही नहीं है, लेकिन कथन II सही है।

Question Number : 99 Question Id : 405859204 Question Type : MCQ Option Shuffling : Yes 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 bar graph shows the preferred breakfast food for 40 students. The number of students who prefer parathas as a percentage of the total number of students is



Options :

405859753. 25%

405859754. 40%

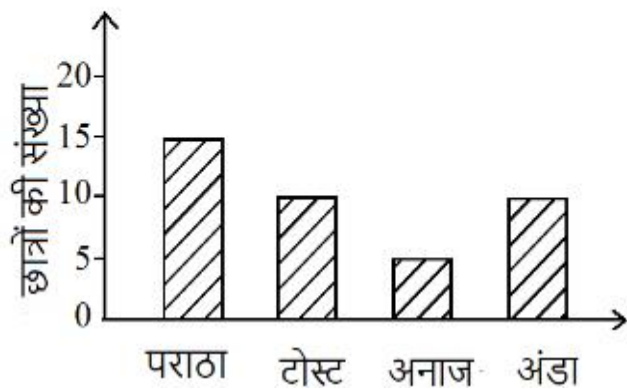
405859755. 37.5%

405859756. 27.5%

Question Number : 99 Question Id : 405859204 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिया गया बार ग्राफ, 40 छात्रों के खाने के नाश्ते में प्राथमिकता को दर्शाता है। उन छात्रों की संख्या जो परोठा को प्राथमिकता देते हैं कुल छात्रों का कितना प्रतिशत है:



Options :

405859753. 25%

405859754. 40%

405859755. 37.5%

405859756. 27.5%

Question Number : 100 Question Id : 405859205 Question Type : MCQ Option Shuffling : Yes 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 city planning is related to Lutyens?

- A. Chandigarh
- B. Gandhinagar
- C. New Delhi
- D. Chennai
- E. Kolkata

Choose the correct answer from the options given below:

Options :

405859757. A only

405859758. C only

405859759. D only

405859760. E only

Question Number : 100 Question Id : 405859205 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किस शहर की योजना लुटियंस से संबंधित है?

- A. चण्डीगढ़
- B. गांधीनगर
- C. नई दिल्ली
- D. चेन्नई
- E. कोलकाता

दिए गए विकल्पों में से सही उत्तर चुनिए:

Options :

405859757. केवल A

405859758. केवल C

405859759. केवल D

405859760. केवल E

Question Number : 101 Question Id : 405859206 Question Type : MCQ Option Shuffling : Yes 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 : Fourth five year plan was launched in 1969 under the leadership of Indira Gandhi.

Statement II : Green revolution was an important aspect of third five year plan.

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

Options :

405859761. Both Statement I and Statement II are true

405859762. Both Statement I and Statement II are false

405859763. Statement is correct but Statement II is false

405859764. Statement I is incorrect but Statement II is true

Question Number : 101 Question Id : 405859206 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : चौथी पंचवर्षीय योजना 1969 में इन्दिरा गाँधी के नेतृत्व में प्रारम्भ की गयी थी।

कथन II : हरित क्रांति, तृतीय पंचवर्षीय योजना का महत्वपूर्ण पहलू थी।

उपर दिए गए कथनों के आधार पर, दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

Options :

405859761. कथन I और कथन II दोनों कथन सही हैं।

405859762. कथन I और कथन II दोनों कथन गलत हैं।

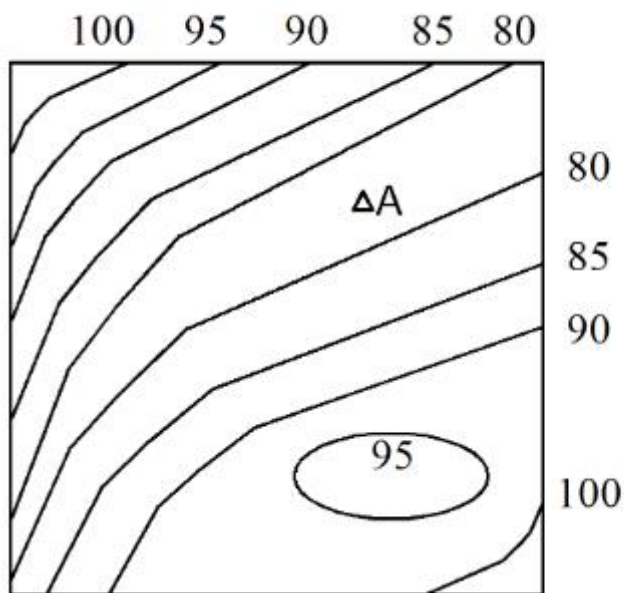
405859763. कथन I सही है, किन्तु कथन II गलत है।

405859764. कथन I गलत है, किन्तु कथन II सही है।

Question Number : 102 Question Id : 405859207 Question Type : MCQ Option Shuffling : Yes 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 ΔA is located in a _____



Options :

405859765. Ridge

405859766. Lake

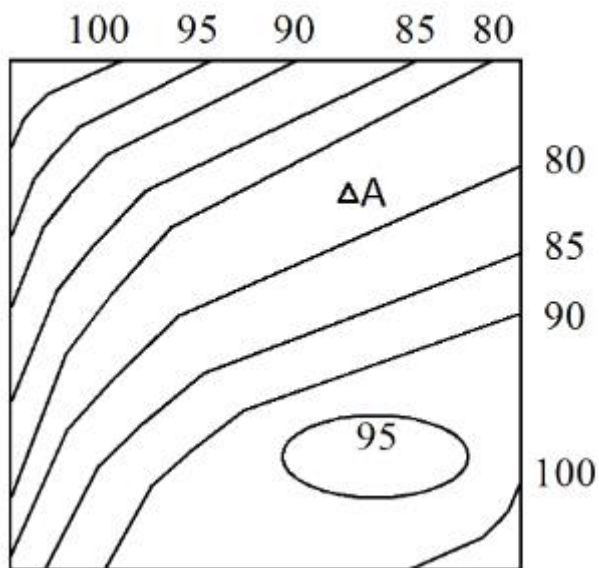
405859767. Plain Land

405859768. Valley

Question Number : 102 Question Id : 405859207 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए आरेख में, ΔA में अवस्थित है _____



Options :

405859765. रिज

405859766. झील

405859767. सपाट भूमि

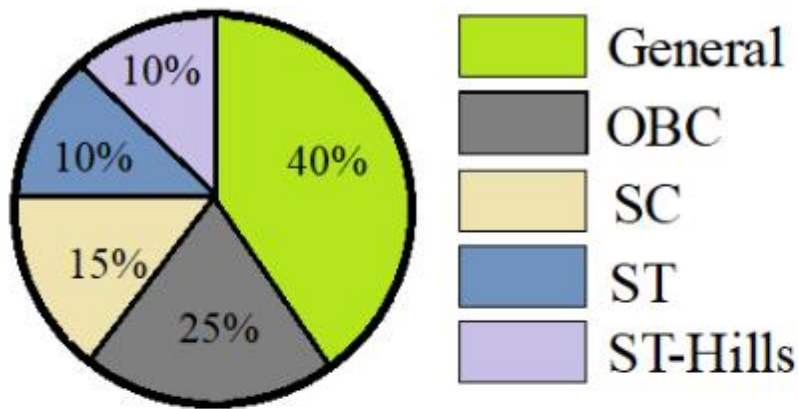
405859768. घाटी

Question Number : 103 Question Id : 405859208 Question Type : MCQ Option Shuffling : Yes 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 reference to the given pie chart. Two statements are given

statements I : The population of ST-hills is equal to SC category

statements II : The population of OBC category is lesser than combined population of SC & ST Hills.

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

Options :

405859769. Both Statement I and Statement II are true

405859770. Both Statement I and Statement II are false

405859771. Statement I is true but Statement II is false

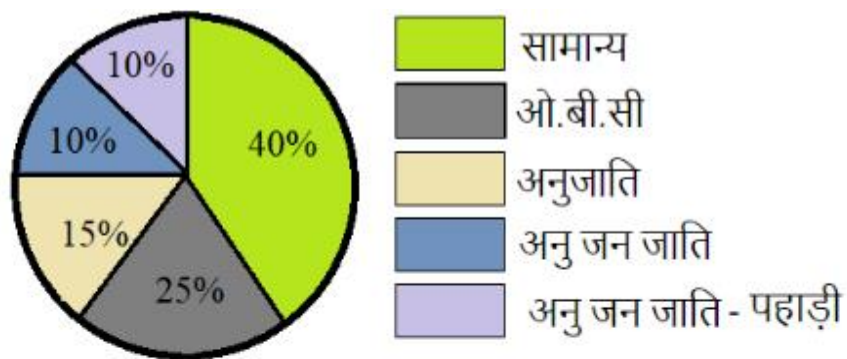
405859772. Statement I is false but Statement II is true

Question Number : 103 Question Id : 405859208 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1



दिए गए पाई चार्ट के संदर्भ में दो कथन दिए गए हैं।

कथन I : पहाड़ी अनुसूचित जनजाति की जनसंख्या, अनुसूचित जाति के बराबर है।

कथन II : अन्य पिछड़ा वर्ग श्रेणी की जनसंख्या, अनुसूचित जाति और अनुसूचित जनजाति की संयुक्त जनसंख्या के मुकाबले कम है।

उपर दिए गए कथनों के आधार पर, नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

Options :

405859769. दोनों कथन, कथन I और कथन II सही हैं।

405859770. दोनों कथन, कथन I और कथन II गलत हैं।

405859771. कथन I सही है, किन्तु कथन II गलत है।

405859772. कथन I गलत है, किन्तु कथन II सही है।

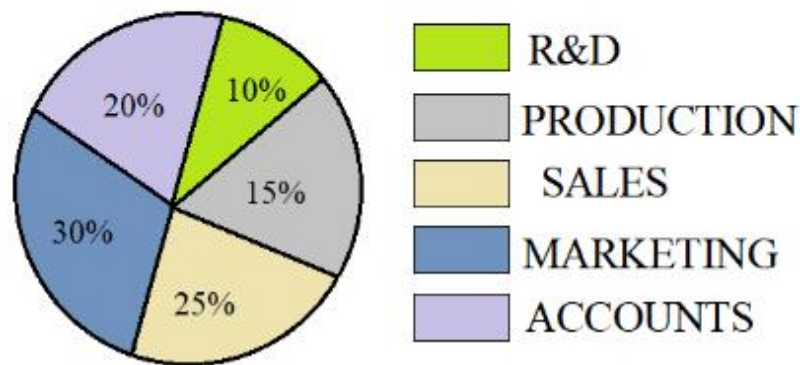
Question Number : 104 Question Id : 405859209 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The given pie chart shows the division of employees in different department of a company where the total no. of employees is 3000. Find out the number of employees working in accounts and R & D department respectively.



Options :

405859773. 600, 200

405859774. 600, 300

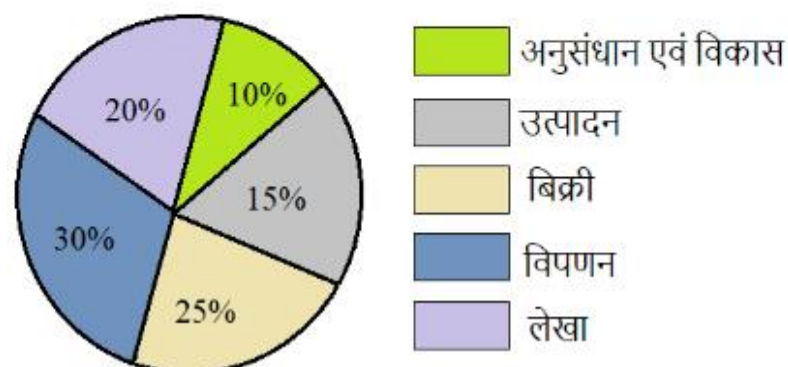
405859775. 900, 300

405859776. 900, 200

Question Number : 104 Question Id : 405859209 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिया गया पाई चार्ट एक कम्पनी के विभिन्न विभागों में कार्यरत कर्मचारियों की श्रेणी दर्शाता है। इसमें वित्त विभाग और अनुसंधान एवं विकास विभाग के कर्मचारियों की संख्या क्रमशः ज्ञात करो।



Options :

405859773. 600, 200

405859774. 600, 300

405859775. 900, 300

405859776. 900, 200

Question Number : 105 Question Id : 405859210 Question Type : MCQ Option Shuffling : Yes 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: one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : In 20th century, handloom cloth production expanded steadily.

Reason R : This was partly reason of the technological changes.

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

Options :

405859777. Both **A** and **R** are true and **R** is the correct explanation of **A**

405859778. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**

405859779. **A** is true but **R** is false

405859780. **A** is false but **R** is true

Question Number : 105 Question Id : 405859210 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं। एक को अभिकथन A अंकित किया गया है, और दूसरे को कारण R अंकित किया गया है:

अभिकथन A : 20वीं शताब्दी में, हैण्डलूम कपड़ा उत्पादन का लगातार विस्तार हुआ।

कारण R : यह आंशिक रूप से तकनीकी बदलावों का कारण था।

उपर दिए गए कथनों के अनुसार, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

Options :

405859777. A और R दोनों सही हैं, और R, A की सही व्याख्या करता है।

405859778. A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं करता।

405859779. A सही है, लेकिन R गलत है।

405859780. A गलत है, लेकिन R सही है।

Drawing

Section Id :	4058599
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 : 4058599
Question Shuffling Allowed : No
Is Section Default? : null

Question Number : 106 Question Id : 405859211 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 the image given below in detail. Sketch this using Black and White Medium only.



Question Number : 106 Question Id : 405859211 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

नीचे दिए गए चित्र का समानुपातिक रेखाचित्र विस्तार पूर्वक केवल स्वेत-श्याम का प्रयोग करते हुए खींचे।



Question Number : 107 Question Id : 405859212 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

Combine Musical Instruments like Guitar, Microphone (mic), Drums, Tabla, Keyboard, etc. into a 3D Abstract Sculpture, using different colors to represent various Texture and Instruments. You can scale each object to any size of your choice. Apply the effect of light and shadow on your Sculpture.

OR

Considering yourself as one of the spectators, draw a beautiful sketch of a Football stadium where a match is going on.

Question Number : 107 Question Id : 405859212 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 50

गिटार, माइक्रोफोन (माइक) ड्रम, तबला, की-बोर्ड इत्यादि जैसे संगीत वाद्य यंत्रों की विभिन्न बनावट और उपकरणों का प्रतिनिधित्व करने के लिए अलग-अलग सामग्रियों और रंगों का उपयोग करके एक 3D सार मूर्तिकल्प में संयोजित करें। आप प्रत्येक वस्तु को अपनी पसंद के किसी भी आकार में माप सकते हैं। अपनी संरचना पर प्रकाश और छाया का प्रभाव लागू करें।

अथवा

अपने आप को दर्शकों में से एक मानते हुए, एक फुटबॉल स्टेडियम का सुंदर रेखाचित्र खींचें जहाँ मैच चल रहा हो।