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## **B PLANNING EP**

**Group Number :** 1  
**Group Id :** 708191135  
**Group Maximum Duration :** 0  
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**Show Attended Group? :** No  
**Edit Attended Group? :** No  
**Break time :** 0  
**Group Marks :** 400  
**Is this Group for Examiner? :** No

## **Mathematics Section A**

**Section Id :** 708191429  
**Section Number :** 1  
**Section type :** Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	708191709
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 70819112477 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

The value of the integral  $\int_{-4}^4 |9-x^2| dx$  is :

**Options :**

70819140881.  $\frac{121}{3}$

70819140882.  $\frac{122}{3}$

70819140883.  $\frac{125}{3}$

70819140884.  $\frac{128}{3}$

**Question Number : 1 Question Id : 70819112477 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

ਇਨਟੀਗਰਲ  $\int_{-4}^4 |9-x^2| dx$  ਦਾ ਮੁੱਲ ਹੈ :

**Options :**

70819140881.  $\frac{121}{3}$

70819140882.  $\frac{122}{3}$

70819140883.  $\frac{125}{3}$

70819140884.  $\frac{128}{3}$

**Question Number : 2 Question Id : 70819112478 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

The sum of infinite number of terms of a Geometric Progression is 3 and the sum of the squares of its terms is  $\frac{9}{2}$ . The sum of the cubes of its terms is :

**Options :**

70819140885.  $\frac{31}{13}$

70819140886.  $\frac{108}{13}$

70819140887.  $\frac{27}{2}$

70819140888.  $\frac{54}{7}$

**Question Number : 2 Question Id : 70819112478 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

ਜਿਮਾਇਤੀ ਲੜੀ ਦੇ ਅਸਿਮਤ ਪਦਾਂ ਦਾ ਜੋੜ 3 ਹੈ ਅਤੇ ਇਸਦੇ ਪਦਾਂ ਦੇ ਵਰਗਾਂ ਦਾ ਜੋੜ  $\frac{9}{2}$  ਹੈ। ਪਦਾਂ ਦੇ ਘਣਾਂ ਦਾ ਜੋੜ ਹੋਵੇਗਾ :

**Options :**

70819140885.  $\frac{31}{13}$

70819140886.  $\frac{108}{13}$

70819140887.  $\frac{27}{2}$

70819140888.  $\frac{54}{7}$

**Question Number : 3 Question Id : 70819112479 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

Which of the following Boolean expression is a tautology ?

**Options :**

70819140889.  $P \Leftrightarrow P \vee Q$

70819140890.  $(P \wedge Q) \Leftrightarrow P$

70819140891.  $(P \wedge (\sim P \vee Q)) \vee (\sim Q)$

70819140892.  $(P \vee \sim P) \wedge (Q \vee (\sim Q))$



Question Number : 3 Question Id : 70819112479 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਹੇਠਾਂ ਲਿਖੇ ਬੁਲੀਅਨ ਸਮੀਕਰਨ ਵਿਚੋਂ ਕਿਹੜਾ ਪੁਨਰ ਉਕਤੀ ਟਾਉਟਾਲੋਜੀ ਹੈ ?

Options :

70819140889.  $P \Leftrightarrow P \vee q$

70819140890.  $(P \wedge q) \Leftrightarrow P$

70819140891.  $(P \wedge (\sim P \vee q)) \vee (\sim q)$

70819140892.  $(P \vee \sim P) \wedge (q \vee (\sim q))$

Question Number : 4 Question Id : 70819112480 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Let  $|a| < 1, |b| < 1, |c| < 1$  and  $x = \sum_{n=0}^{\infty} a^n, y = \sum_{n=0}^{\infty} b^n, z = \sum_{n=0}^{\infty} c^n$ . If  $\frac{1}{x}, \frac{1}{y}, \frac{1}{z}$  are in Arithmetic

Progression, then :

Options :

70819140893. a, b and c are in Arithmetic Progression

70819140894. a, b and c are in Geometric Progression

70819140895. a, 2b and c are in Arithmetic Progression

70819140896. a, b and c satisfy  $2b^2 = ac$

Question Number : 4 Question Id : 70819112480 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਮੰਨ ਲਓ  $|a| < 1, |b| < 1, |c| < 1$  ਅਤੇ  $x = \sum_{n=0}^{\infty} a^n, y = \sum_{n=0}^{\infty} b^n, z = \sum_{n=0}^{\infty} c^n$ . ਜੇਕਰ  $\frac{1}{x}, \frac{1}{y}, \frac{1}{z}$  ਅੰਕਗਣਿਤਿਕ ਲੜੀ ਵਿੱਚ

ਹਨ, ਤੱਦ :

Options :

70819140893. a, b ਅਤੇ c ਅੰਕਗਣਿਤਿਕ ਲੜੀ ਵਿੱਚ ਹਨ।

70819140894. a, b ਅਤੇ c ਜਿਮਾਇਤੀ ਲੜੀ ਵਿੱਚ ਹਨ।

70819140895. a, 2b ਅਤੇ c ਅੰਕਗਣਿਤਿਕ ਲੜੀ ਵਿੱਚ ਹਨ।

70819140896. a, b ਅਤੇ c,  $2b^2 = ac$  ਨੂੰ ਸੰਤੁਸ਼ਟ ਕਰਦੇ ਹਨ।

Question Number : 5 Question Id : 70819112481 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$\sum_{n=1}^{\infty} \frac{2n^2 + 7n + 5}{n!}$  is equal to :

Options :

70819140897.  $15e + 5$

70819140898.  $15e - 5$

70819140899.  $16e - 5$

70819140900.  $16e - 7$

Question Number : 5 Question Id : 70819112481 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$$\sum_{n=1}^{\infty} \frac{2n^2 + 7n + 5}{n!} \text{ ਬਰਾਬਰ ਹੈ :}$$

Options :

70819140897.  $15e + 5$

70819140898.  $15e - 5$

70819140899.  $16e - 5$

70819140900.  $16e - 7$

Question Number : 6 Question Id : 70819112482 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The least positive integral value of  $\lambda$  such that  $10^{50} + (3 \times (4)^{52}) + \lambda$  is divisible by 9 is :

Options :

70819140901. 5

70819140902. 3

70819140903. 7

70819140904. 1

Question Number : 6 Question Id : 70819112482 Question Type : MCQ Option Shuffling : Yes Is

**Question Mandatory : No**

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

$\lambda$  ਦਾ ਨਿਊਨਤਮ ਥਨਾਤਮਕ ਪੂਰਨ ਅੰਕ ਮੁੱਲ, ਜਦਕਿ  $10^{50} + (3 \times (4)^{52}) + \lambda$ , 9 ਤੇ ਵੰਡਿਆ ਜਾਵੇ ਹੈ :

**Options :**

70819140901. 5

70819140902. 3

70819140903. 7

70819140904. 1

**Question Number : 7 Question Id : 70819112483 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

There are 4, 5 and 6 points on the three parallel and co-planar lines. If no set of four or more points is cyclic and no set of three points lying on distinct lines is collinear, then the number of circles passing through exactly three points is :

**Options :**

70819140905. 455

70819140906. 421

70819140907. 435

70819140908. 441

**Question Number : 7 Question Id : 70819112483 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

ਤਿੰਨ ਸਮਾਂਤਰ ਅਤੇ ਸਮਤਲੀ ਰੇਖਾਵਾਂ ਉਪਰ 4, 5 ਅਤੇ 6 ਬਿੰਦੂ ਹਨ । ਜੇਕਰ ਚਾਰ ਜਾਂ ਇੱਕ ਤੋਂ ਵੱਧ ਬਿੰਦੂਆਂ ਦਾ ਕੋਈ ਵੀ ਸਮੂਹ ਇੱਕ ਚੱਕਰ ਉੱਤੇ ਨਹੀਂ ਹੈ ਅਤੇ ਉਹਨਾਂ ਤਿੰਨ ਬਿੰਦੂਆਂ ਦਾ ਕੋਈ ਵੀ ਸਮੂਹ ਜੋ ਕਿ ਵੱਖ-ਵੱਖ ਰੇਖਾਵਾਂ ਤੇ ਹਨ, ਸਮਰੇਖੀ ਨਹੀਂ ਹੈ । ਤੱਦ ਉਹਨਾਂ ਚੱਕਰਾਂ ਦੀ ਗਿਣਤੀ ਜੋ ਕਿ ਸਿਰਫ਼ ਤਿੰਨ ਬਿੰਦੂਆਂ ਵਿੱਚੋਂ ਲੰਘਦੇ ਹਨ :

**Options :**

70819140905. 455

70819140906. 421

70819140907. 435

70819140908. 441

**Question Number : 8 Question Id : 70819112484 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

If  $y = \frac{ax - b}{(x - 1)(x - 4)}$  has an extremum at the point  $(2, -1)$ , then the values of a and b are :

**Options :**

70819140909.  $a = 1, b = 0$

70819140910.  $a = 0, b = 1$

70819140911.  $a = 0, b = -1$

70819140912.  $a = -1, b = 1$

**Question Number : 8 Question Id : 70819112484 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

ਜੇਕਰ  $y = \frac{ax - b}{(x-1)(x-4)}$  ਕੋਲ ਬਿੰਦੂ  $(2, -1)$  ਇੱਕ ਸੀਮਾਂਤ ਹੈ ਤੱਦ  $a$  ਅਤੇ  $b$  ਦੇ ਮੁੱਲ ਹਨ :

**Options :**

70819140909.  $a = 1, b = 0$

70819140910.  $a = 0, b = 1$

70819140911.  $a = 0, b = -1$

70819140912.  $a = -1, b = 1$

**Question Number : 9 Question Id : 70819112485 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

The distance between the planes  $\vec{r} \cdot (2\hat{i} + \hat{j} - 2\hat{k}) + 5 = 0$  and  $\vec{r} \cdot (6\hat{i} + 3\hat{j} - 6\hat{k}) + 2 = 0$  is :

**Options :**

70819140913.  $\frac{9}{13}$

70819140914.  $\frac{15}{4}$

70819140915.  $\frac{13}{9}$

70819140916.  $\frac{1}{13}$

**Question Number : 9 Question Id : 70819112485 Question Type : MCQ Option Shuffling : Yes Is**

**Question Mandatory : No**

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

ਤਲ  $\vec{r} \cdot (2\hat{i} + \hat{j} - 2\hat{k}) + 5 = 0$  ਅਤੇ  $\vec{r} \cdot (6\hat{i} + 3\hat{j} - 6\hat{k}) + 2 = 0$  ਵਿਚਕਾਰ ਦੂਰੀ ਹੈ :

**Options :**

70819140913.  $\frac{9}{13}$

70819140914.  $\frac{15}{4}$

70819140915.  $\frac{13}{9}$

70819140916.  $\frac{1}{13}$

**Question Number : 10 Question Id : 70819112486 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

The probability of solving a problem in Mathematics by two students X and Y are  $\frac{1}{4}$  and  $\frac{1}{5}$  respectively. If both of them try to solve the problem independently, then the probability that the problem will be solved by exactly one of them is equal to :

**Options :**

70819140917.  $\frac{7}{20}$

70819140918.  $\frac{1}{20}$

70819140919.  $\frac{19}{20}$

70819140920.

Question Number : 10 Question Id : 70819112486 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਦੇ ਵਿਦਿਆਰਥੀਆਂ X ਅਤੇ Y ਵਲੋਂ ਗਣਿਤ ਦੀ ਇੱਕ ਸਮਸਿਆ ਨੂੰ ਹੱਲ ਕਰਨ ਦੀ ਸੰਭਾਵਨਾ ਕ੍ਰਮਵਾਰ  $\frac{1}{4}$  ਅਤੇ  $\frac{1}{5}$  ਹੈ। ਜੇ ਦੋਵੇਂ ਸਮਸਿਆ ਨੂੰ ਆਪਣੇ-ਆਪਣੇ ਢੰਗ ਨਾਲ ਹੱਲ ਕਰਨ ਦੀ ਕੋਸ਼ਿਸ ਕਰਨ ਤਾਂ ਦੋਹਾਂ ਵਿੱਚੋਂ ਸਿਰਫ਼ ਇੱਕ ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਹਲ ਲੱਭਣ ਦੀ ਸੰਭਾਵਨਾ ਬਰਾਬਰ ਹੈ :

Options :

70819140917.  $\frac{7}{20}$

70819140918.  $\frac{1}{20}$

70819140919.  $\frac{19}{20}$

70819140920.  $\frac{12}{20}$

Question Number : 11 Question Id : 70819112487 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The polar form of the complex number  $\frac{1+i}{1-i}$  is equal to :

Options :

70819140921.  $\cos \frac{\pi}{2} + i \sin \frac{\pi}{2}$



70819140922.  $\cos \frac{\pi}{2} - i \sin \frac{\pi}{2}$

70819140923.  $\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}$

70819140924.  $\cos \frac{\pi}{4} - i \sin \frac{\pi}{4}$

**Question Number : 11 Question Id : 70819112487 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

ਮਿਸ਼ਰਿਤ ਸੰਖਿਆ  $\frac{1+i}{1-i}$  ਦਾ ਧਰੁਵੀ ਨਿਰੂਪਣ ਬਰਾਬਰ ਹੈ :

**Options :**

70819140921.  $\cos \frac{\pi}{2} + i \sin \frac{\pi}{2}$

70819140922.  $\cos \frac{\pi}{2} - i \sin \frac{\pi}{2}$

70819140923.  $\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}$

70819140924.  $\cos \frac{\pi}{4} - i \sin \frac{\pi}{4}$

**Question Number : 12 Question Id : 70819112488 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

If the equation of a line which divides the line segment joining the points (1, 0) and (3, 0) in the ratio 2 : 1 and is also perpendicular to it, is  $ax=7$ , then the value of a is equal to :

**Options :**

70819140925. 2

70819140926. 3

70819140927. 4

70819140928. 1

**Question Number : 12 Question Id : 70819112488 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਜੇਕਰ ਇੱਕ ਰੇਖਾ ਜੋ ਕਿ ਬਿੰਦੂ  $(1, 0)$  ਅਤੇ  $(3, 0)$  ਨੂੰ ਮਿਲਾ ਕੇ ਬਣੇ ਰੇਖਾਖੰਡ ਨੂੰ  $2:1$  ਅਨੁਪਾਤ ਵਿੱਚ ਵੰਡਦੀ ਹੈ ਅਤੇ ਇਸ ਉੱਪਰ ਲੰਬ ਵੀ ਹੈ, ਉਸਦੀ ਸਮੀਕਰਨ  $ax = 7$  ਹੈ। ਤੱਦ 'a' ਮੁੱਲ ਬਰਾਬਰ ਹੈ :

**Options :**

70819140925. 2

70819140926. 3

70819140927. 4

70819140928. 1

**Question Number : 13 Question Id : 70819112489 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Equation of the circle, which is the mirror image of the circle  $x^2 + y^2 - 2x = 0$  with respect to the line  $x + y = 2$ , is :

**Options :**

70819140929.  $x^2 + y^2 - 2x + 4y + 3 = 0$

70819140930.  $x^2 + y^2 - 4x - 2y + 4 = 0$

70819140931.  $2(x^2 + y^2) - x + y + 1 = 0$

70819140932.  $x^2 + y^2 - 2x - 4y + 3 = 0$

**Question Number : 13 Question Id : 70819112489 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਚੱਕਰ, ਜੋ ਕਿ ਰੇਖਾ  $x + y = 2$  ਤੋਂ ਚੱਕਰ  $x^2 + y^2 - 2x = 0$  ਦਾ ਦਰਪਣ ਪ੍ਰਤਿਬਿੰਬ ਹੈ, ਦਾ ਸਮੀਕਰਨ ਹੈ :

**Options :**

70819140929.  $x^2 + y^2 - 2x + 4y + 3 = 0$

70819140930.  $x^2 + y^2 - 4x - 2y + 4 = 0$

70819140931.  $2(x^2 + y^2) - x + y + 1 = 0$

70819140932.  $x^2 + y^2 - 2x - 4y + 3 = 0$

**Question Number : 14 Question Id : 70819112490 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Equations of the common tangent of the ellipse  $\frac{(x+1)^2}{2^2} + \frac{(y-1)^2}{3^2} = 1$  and the circle

$(x+1)^2 + (y-1)^2 = 4$  are :

**Options :**

70819140933.  $y+3=0$  and  $x-1=0$

70819140934.  $x-3=0$  and  $y+1=0$

70819140935.  $x+3=0$  and  $x-1=0$

70819140936.  $y+3=0$  and  $y-1=0$

**Question Number : 14 Question Id : 70819112490 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਇਲਿਪਸ  $\frac{(x+1)^2}{2^2} + \frac{(y-1)^2}{3^2} = 1$  ਅਤੇ ਚੱਕਰ  $(x+1)^2 + (y-1)^2 = 4$  ਦੀਆਂ ਸਾਂਝੀਆਂ ਸਪੱਰਸ਼ ਰੇਖਾਵਾਂ ਦੇ ਸਮੀਕਰਨ

ਹਨ ।

**Options :**

70819140933.  $y+3=0$  ਅਤੇ  $x-1=0$

70819140934.  $x-3=0$  ਅਤੇ  $y+1=0$

70819140935.  $x+3=0$  ਅਤੇ  $x-1=0$

70819140936.  $y+3=0$  ਅਤੇ  $y-1=0$

**Question Number : 15 Question Id : 70819112491 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

If  $A = \begin{bmatrix} 1 & a \\ 0 & 1 \end{bmatrix}$ , then  $A^k$  ( $k \in \mathbb{N}$ ) is :

**Options :**

70819140937.  $\begin{bmatrix} 1 & ka \\ 0 & 1 \end{bmatrix}$

70819140938.  $\begin{bmatrix} 1 & k^2a \\ 0 & 1 \end{bmatrix}$

70819140939.  $\begin{bmatrix} k & ka \\ 0 & k \end{bmatrix}$

70819140940.  $\begin{bmatrix} 1 & ka \\ 0 & 0 \end{bmatrix}$

**Question Number : 15 Question Id : 70819112491 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਜੇਕਰ  $A = \begin{bmatrix} 1 & a \\ 0 & 1 \end{bmatrix}$  ਤਾਂ  $A^k$  ( $k \in \mathbb{N}$ ) ਹੈ :

**Options :**

70819140937.  $\begin{bmatrix} 1 & ka \\ 0 & 1 \end{bmatrix}$

70819140938.  $\begin{bmatrix} 1 & k^2a \\ 0 & 1 \end{bmatrix}$

70819140939.  $\begin{bmatrix} k & ka \\ 0 & k \end{bmatrix}$

70819140940.  $\begin{bmatrix} 1 & ka \\ 0 & 0 \end{bmatrix}$

Question Number : 16 Question Id : 70819112492 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The values of  $s$  and  $t$ , for which the system of equations

$$x_1 + x_2 + x_3 = 5$$

$$x_1 + 2x_2 + 3x_3 = 9$$

$$x_1 + 3x_2 + sx_3 = t$$

has no solution, are :

Options :

70819140941.  $s=5, t=13$

70819140942.  $s \neq 5$

70819140943.  $s=5, t \neq 13$

70819140944.  $t \neq 13$

Question Number : 16 Question Id : 70819112492 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

$s$  ਅਤੇ  $t$  ਦੇ ਮੁੱਲ, ਜਿਨ੍ਹਾਂ ਲਈ ਸਮੀਕਰਨ ਪ੍ਰਣਾਲੀ

$$x_1 + x_2 + x_3 = 5$$

$$x_1 + 2x_2 + 3x_3 = 9$$

$$x_1 + 3x_2 + sx_3 = t$$

ਕੋਲ ਕੋਈ ਹੱਲ ਨਹੀਂ ਹੈ :

Options :

70819140941.  $s=5, t=13$

70819140942.  $s \neq 5$

70819140943.  $s=5, t \neq 13$

70819140944.  $t \neq 13$

**Question Number : 17 Question Id : 70819112493 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Derivative of  $\tan^{-1}\left(\frac{2x}{1-x^2}\right)$  with respect to  $\sin^{-1}\left(\frac{2x}{1+x^2}\right)$  in  $(1, \infty)$ , is :

**Options :**

70819140945. 1

70819140946. -1

70819140947. 0

70819140948. 2

**Question Number : 17 Question Id : 70819112493 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

$\sin^{-1}\left(\frac{2x}{1+x^2}\right)$  ਦੇ ਬਾਬਤ  $\tan^{-1}\left(\frac{2x}{1-x^2}\right)$  ਦਾ ਡਿਫਰੈਨਸੀਏਸ਼ਨ  $(1, \infty)$  ਅੰਤਰਾਲ ਵਿੱਚ ਹੈ :

**Options :**

70819140945. 1

70819140946. -1

70819140947. 0

70819140948. <sup>2</sup>

Question Number : 18 Question Id : 70819112494 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Let  $\vec{a}$ ,  $\vec{b}$  and  $\vec{c}$  be three vectors such that  $|\vec{a}| = |\vec{b}| = \frac{|\vec{c}|}{2} = 1$ . If  $\vec{a} \times (\vec{a} \times \vec{c}) + \vec{b} = \vec{0}$ , then

the acute angle between  $\vec{a}$  and  $\vec{c}$  is:

Options :

70819140949.  $\frac{\pi}{6}$

70819140950.  $\frac{\pi}{4}$

70819140951.  $\frac{\pi}{3}$

70819140952.  $\frac{5\pi}{12}$

Question Number : 18 Question Id : 70819112494 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਮੰਨ ਲਓ ਤਿੰਨ ਵੈਕਟਰ  $\vec{a}$ ,  $\vec{b}$  ਅਤੇ  $\vec{c}$  ਇਸ ਤਰ੍ਹਾਂ ਹਨ ਕਿ  $|\vec{a}| = |\vec{b}| = \frac{|\vec{c}|}{2} = 1$ . ਜੇਕਰ  $\vec{a} \times (\vec{a} \times \vec{c}) + \vec{b} = \vec{0}$ , ਤਾਂ

$\vec{a}$  ਅਤੇ  $\vec{c}$  ਵਿੱਚਕਾਰ ਨਿਊਨ ਕੋਣ ਹੈ :

Options :

70819140949.



$$\frac{\pi}{6}$$

70819140950.  $\frac{\pi}{4}$

70819140951.  $\frac{\pi}{3}$

70819140952.  $\frac{5\pi}{12}$

**Question Number : 19 Question Id : 70819112495 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

Solution of the differential equation  $(1 + y^2)dx = (\tan^{-1}y - x)dy$  is :  
(where c is an arbitrary constant)

**Options :**

70819140953.  $x = 1 - \tan^{-1}y + ce^{-\tan^{-1}y}$

70819140954.  $y = \tan^{-1}y - 1 + ce^{-\tan^{-1}x}$

70819140955.  $x = \tan^{-1}y - 1 + ce^{-\tan^{-1}y}$

70819140956.  $x = -\tan^{-1}y - 1 - ce^{\tan^{-1}x}$

**Question Number : 19 Question Id : 70819112495 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

ਡਿਫਰੈਂਸ਼ਿਅਲ ਸਮੀਕਰਨ  $(1+y^2)dx = (\tan^{-1}y - x)dy$  ਦਾ ਹੱਲ ਹੈ :

(ਇੱਥੇ  $c$  ਕੋਈ ਵੀ ਅੱਚਲ ਹੈ)

**Options :**

70819140953.  $x = 1 - \tan^{-1}y + ce^{-\tan^{-1}y}$

70819140954.  $y = \tan^{-1}y - 1 + ce^{-\tan^{-1}x}$

70819140955.  $x = \tan^{-1}y - 1 + ce^{-\tan^{-1}y}$

70819140956.  $x = -\tan^{-1}y - 1 - ce^{\tan^{-1}x}$

**Question Number : 20 Question Id : 70819112496 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

The values of  $x$ , for which the vectors  $\vec{a} = (x^2 - 16)\hat{i} + 4\hat{j} - (x^2 - 25)\hat{k}$  make acute angles with the (positive directions of) coordinate axes lie in :

**Options :**

70819140957.  $[-5, -4] \cup [4, 5]$

70819140958.  $[-5, 4) \cup (-4, 5]$

70819140959.  $(-5, -4) \cup (4, 5)$

70819140960.  $(-5, 4) \cup (-4, 5)$

**Question Number : 20 Question Id : 70819112496 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਜੇਕਰ ਵੈਕਟਰ  $\vec{a} = (x^2 - 16)\hat{i} + 4\hat{j} - (x^2 - 25)\hat{k}$  ਪੁਰਿਆਂ ਦੀਆਂ ਧਨਾਤਮਕ ਦਿਸ਼ਾਵਾਂ ਨਾਲ ਨਿਰੂਨ ਕੋਣ ਬਣਾਉਂਦਾ ਹੈ, ਤੱਦ  $x$  ਦਾ ਮੁੱਲ ਕਿੱਸ ਵਿੱਚ ਹੋਵੇਗਾ :

**Options :**

70819140957.  $[-5, -4] \cup [4, 5]$

70819140958.  $[-5, 4] \cup (-4, 5]$

70819140959.  $(-5, -4) \cup (4, 5)$

70819140960.  $(-5, 4) \cup (-4, 5)$

## Mathematics Section B

<b>Section Id :</b>	708191430
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	5
<b>Section Marks :</b>	20
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	708191710
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 70819112497 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

$$\int_0^{\pi} \sqrt{\frac{1 + \cos 2x}{2}} dx \text{ is } \underline{\hspace{2cm}}.$$

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 21 **Question Id :** 70819112497 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

$$\int_0^{\pi} \sqrt{\frac{1 + \cos 2x}{2}} dx \text{ ----- है ।}$$

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 22 **Question Id :** 70819112498 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

The minimum value of  $9\tan^2\theta + 4\cot^2\theta$  is \_\_\_\_\_.

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

Question Number : 22 Question Id : 70819112498 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

$9\tan^2\theta + 4\cot^2\theta$  ਦਾ ਨਿਊਨਤਮ ਮੁੱਲ \_\_\_\_\_ ਹੈ ।

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

5 to 5.001

Question Number : 23 Question Id : 70819112499 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

The length of the perpendicular from the point (1, 2, 3) to the line  $\frac{-x+6}{-3} = \frac{y-7}{2} = \frac{z-7}{-2}$  is \_\_\_\_\_.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

5 to 5.001

Question Number : 23 Question Id : 70819112499 Question Type : SA

Correct Marks : 4 Wrong Marks : 0

ਬਿੰਦੂ (1, 2, 3) ਤੋਂ ਰੇਖਾ  $\frac{-x+6}{-3} = \frac{y-7}{2} = \frac{z-7}{-2}$  ਦੇ ਲੰਬ ਦੀ ਲੰਬਾਈ \_\_\_\_\_ ਹੈ ।

Response Type : Numeric

Evaluation Required For SA : Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 24 **Question Id :** 70819112500 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

If  $\log_3 2$ ,  $\log_3(2^x - 5)$  and  $\log_3\left(2^x - \frac{7}{2}\right)$  are in Arithmetic Progression, then the value of  $x$  is

\_\_\_\_\_.

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 24 **Question Id :** 70819112500 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

ਜੇਕਰ  $\log_3 2$ ,  $\log_3(2^x - 5)$  ਅਤੇ  $\log_3\left(2^x - \frac{7}{2}\right)$  ਅੰਕਗਣਿਤਿਕ ਲੜੀ ਵਿੱਚ ਹੋਣ, ਤਾਂ  $x$  ਦਾ ਮੁੱਲ \_\_\_\_\_

ਹੈ ।

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number : 25 Question Id : 70819112501 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

If  $x^2 + x + 1 = 0$ , then  $-\left\{\left(x - \frac{1}{x}\right)^2 + \left(x^2 - \frac{1}{x^2}\right)^2 + \left(x^3 - \frac{1}{x^3}\right)^2\right\}$  is \_\_\_\_\_.

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

**Question Number : 25 Question Id : 70819112501 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

ਜੇਕਰ  $x^2 + x + 1 = 0$ , ਤਾਂ  $-\left\{\left(x - \frac{1}{x}\right)^2 + \left(x^2 - \frac{1}{x^2}\right)^2 + \left(x^3 - \frac{1}{x^3}\right)^2\right\}$  \_\_\_\_\_ ਹੈ ।

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

**Question Number : 26 Question Id : 70819112502 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

$x^2 + y^2 - 4x - 2y - 11 = 0$  is a circle to which tangents are drawn from the point (4, 5) which form a quadrilateral with a pair of radii. The area of this quadrilateral in square units is \_\_\_\_\_.

**Response Type : Numeric**

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 26 **Question Id :** 70819112502 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

ਬਿੰਦੂ  $(4, 5)$  ਤੋਂ ਚੱਕਰ  $x^2 + y^2 - 4x - 2y - 11 = 0$  ਉਤੇ ਸਪੱਰਸ਼ ਰੇਖਾਵਾਂ ਖਿੱਚੀਆਂ ਗਈਆਂ ਹਨ ਜੋ ਕਿ ਅਰਧ ਵਿਆਸ ਦੇ ਜੋੜੇ ਨਾਲ ਇੱਕ ਚਤੁਰਭੁੱਜ ਬਣਾਉਂਦੀਆਂ ਹਨ । ਤੱਦ ਚਤੁਰਭੁੱਜ ਦਾ ਖੇਤਰਫਲ (ਵਰਗ ਇਕਾਈਆਂ ਵਿੱਚ) \_\_\_\_\_ ਹੈ ।

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 27 **Question Id :** 70819112503 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

If the sum of mean and variance of a binomial distribution is 15 and the sum of their squares is 117, then the number of independent trials is equal to \_\_\_\_\_.

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001



**Question Number : 27 Question Id : 70819112503 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

ਜੇਕਰ ਦੋ ਪਦੀ ਵੰਡ ਦੇ ਮੱਧਮਾਨ ਅਤੇ ਪ੍ਰਸਰਨ ਦਾ ਜੋੜ 15 ਹੈ ਅਤੇ ਇਹਨਾਂ ਦੇ ਵਰਗਾਂ ਦਾ ਜੋੜ 117 ਹੈ । ਤੱਦ ਸੁਤੰਤਰ ਕੋਸ਼ਿਲਾ (ਟਰਾਇਲਾਂ) ਦੀ ਗਿਣਤੀ \_\_\_\_\_ ਹੈ ।

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

**Question Number : 28 Question Id : 70819112504 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

Let the equation of the plane passing through the points  $(1, 2, 6)$ ,  $(2, 5, 7)$  and perpendicular to the plane  $4x - y + z = 15$  be  $ax + by + cz + d = 0$ . If  $a, b, c, d \in \mathbb{Z}$  with  $\gcd(|a|, |b|, |c|) = 1$ , then  $|a + b + c + d|$  is equal to \_\_\_\_\_.

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

**Question Number : 28 Question Id : 70819112504 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

ਮੰਨ ਲਉ ਇੱਕ ਤਲ ਜਿਸਦਾ ਸਮੀਕਰਨ  $ax + by + cz + d = 0$  ਹੈ, ਜੋ ਕਿ ਬਿੰਦੂ  $(1, 2, 6)$ ,  $(2, 5, 7)$  ਵਿੱਚੋਂ ਲੰਘਦੀ ਹੈ ਅਤੇ ਤਲ  $4x - y + z = 15$  ਨੂੰ ਲੰਭ ਹੈ । ਜੇਕਰ  $a, b, c, d \in \mathbb{Z}$  ਨਾਲ ਮ.ਸ.ਵ  $(|a|, |b|, |c|) = 1$ , ਤੱਦ  $|a + b + c + d|$  ਬਰਾਬਰ \_\_\_\_\_ ਹੈ ।

**Response Type : Numeric**

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 29 **Question Id :** 70819112505 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

The number of real solutions in the interval  $\left[-\frac{3\pi}{2}, \frac{7\pi}{2}\right]$  of the equation  $4\sin^2x - 8\sin x + 3 = 0$  is \_\_\_\_\_.

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number :** 29 **Question Id :** 70819112505 **Question Type :** SA

**Correct Marks :** 4 **Wrong Marks :** 0

ਅੰਤਰਾਲ  $\left[-\frac{3\pi}{2}, \frac{7\pi}{2}\right]$  ਵਿੱਚ ਸਮੀਕਰਨ  $4\sin^2x - 8\sin x + 3 = 0$  ਦੇ ਵਾਸਤਵਿਕ ਹੱਲਾਂ ਦੀ ਗਿਣਤੀ \_\_\_\_\_ ਹੈ ।

**Response Type :** Numeric

**Evaluation Required For SA :** Yes

**Show Word Count :** Yes

**Answers Type :** Range

**Text Areas :** PlainText

**Possible Answers :**

5 to 5.001

**Question Number : 30 Question Id : 70819112506 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

Let  $A_1, A_2, A_3, \dots$  be an increasing geometric progression. If  $\frac{1}{A_4} + \frac{1}{A_8} = \frac{10}{63}$  and  $A_5 A_7 = 441$ , then  $3(A_2 + A_4)$  is equal to \_\_\_\_\_.

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

**Question Number : 30 Question Id : 70819112506 Question Type : SA**

**Correct Marks : 4 Wrong Marks : 0**

ਮੰਨ ਲਓ  $A_1, A_2, A_3, \dots$  ਇੱਕ ਵੱਧਦੀ ਜਿਯਾਇਤੀ ਲੜੀ ਹੈ । ਜੇਕਰ  $\frac{1}{A_4} + \frac{1}{A_8} = \frac{10}{63}$  ਅਤੇ  $A_5 A_7 = 441$ , ਤੱਦ  $3(A_2 + A_4)$  ਬਰਾਬਰ \_\_\_\_\_ ਹੈ ।

**Response Type : Numeric**

**Evaluation Required For SA : Yes**

**Show Word Count : Yes**

**Answers Type : Range**

**Text Areas : PlainText**

**Possible Answers :**

5 to 5.001

<b>Section Id :</b>	708191431
<b>Section Number :</b>	3
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	708191711
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 31 Question Id : 70819112507 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which among the following is the full form of the 'UNESCO' ?

**Options :**

70819140971. United Nations Educational, Scientific & Cultural Organization.

70819140972. United Nations Educational Security Cultural Organization.

70819140973. United Nations Entrance Site Calling Organization.

70819140974. United Nations Educational, Sustainable & Cultural Organization.

**Question Number : 31 Question Id : 70819112507 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠ ਦਿੱਤੇ ਵਿੱਚੋਂ ਕਿਹੜਾ 'UNESCO' (ਯੂਨੈਸਕੋ) ਦਾ ਪੂਰਾ ਫਾਰਮ (Full form) ਕੀ ਹੈ।

**Options :**

70819140971. ਯੂਨਾਈਟਿਡ ਨੇਸ਼ਨਜ਼ ਐਜੂਕੇਸ਼ਨਲ, ਸਾਇੰਟਿਫੀਕ (scientific) ਅਤੇ ਕਲਚਰਲ ਆਰਗੇਨਾਈਜ਼ੇਸ਼ਨ

70819140972. ਯੂਨਾਈਟਿਡ ਨੇਸ਼ਨਜ਼ ਐਜੂਕੇਸ਼ਨਲ ਸੇਕਿਊਰਿਟੀ ਕਲਚਰਲ ਆਰਗੇਨਾਈਜ਼ੇਸ਼ਨ

70819140973. ਯੂਨਾਈਟਿਡ ਨੇਸ਼ਨਜ਼ ਏਨਟਰੈਸ ਸਾਈਟ ਕਾਲਿੰਗ ਆਰਗੇਨਾਈਜ਼ੇਸ਼ਨ

70819140974. ਯੂਨਾਈਟਿਡ ਨੇਸ਼ਨਜ਼ ਐਜੂਕੇਸ਼ਨਲ ਸਸਟੇਨੇਬਲ ਅਤੇ ਕਲਚਰਲ ਆਰਗੇਨਾਈਜ਼ੇਸ਼ਨ

**Question Number : 32 Question Id : 70819112508 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Match List - I with List - II.

List - I

List - II

(I) Hall of Nation

(a)



(II) Falling Water, Pennsylvania

(b)



(III) Petronas Tower

(c)



(IV) Secretariat

(d)



**Options :**

70819140975. (I)-(b), (II)-(a), (III)-(d), (IV)-(c)

70819140976. (I)-(c), (II)-(d), (III)-(a), (IV)-(b)

70819140977. (I)-(a), (II)-(b), (III)-(c), (IV)-(d)



Question Number : 32 Question Id : 70819112508 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਣ ਕਰੋ।

ਸੂਚੀ - I

ਸੂਚੀ - II

(I) ਹਾਲ ਆਫ ਨੇਸ਼ਨ

(a)



(II) ਫਾਲਿੰਗ ਵਾਟਰ, ਪੈਨਸੇਲਵੇਨੀਆ

(b)



(III) ਪੈਟ੍ਰੋਨਾਸ ਟਾਵਰ

(c)



(IV) ਸੱਤਕਰੇਤ

(d)



Options :

70819140975. (I)-(b), (II)-(a), (III)-(d), (IV)-(c)

70819140976. (I)-(c), (II)-(d), (III)-(a), (IV)-(b)

70819140977. (I)-(a), (II)-(b), (III)-(c), (IV)-(d)

70819140978. (I)-(b), (II)-(a), (III)-(c), (IV)-(d)

**Question Number : 33 Question Id : 70819112509 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Match List - I with List - II.

List - I

(I) Kamru

(II) Delhi

(III) Fatehpur Sikri

(IV) Kolkata

List - II

(a) Victoria Memorial Hall

(b) Badrinath Temple

(c) Khirki Masjid

(d) Buland Darwaja

**Options :**

70819140979. (I)-(b), (II)-(c), (III)-(d), (IV)-(a)

70819140980. (I)-(b), (II)-(d), (III)-(c), (IV)-(a)

70819140981. (I)-(c), (II)-(a), (III)-(b), (IV)-(d)

70819140982. (I)-(b), (II)-(a), (III)-(d), (IV)-(c)

**Question Number : 33 Question Id : 70819112509 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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



ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਣ ਕਰੋ।

ਸੂਚੀ - I

ਸੂਚੀ - II

- |                     |                           |
|---------------------|---------------------------|
| (I) ਕਾਮਰੂ           | (a) ਵਿਕਟੋਰੀਆ ਮੈਮੋਰੀਅਲ ਹਾਲ |
| (II) ਦਿੱਲੀ          | (b) ਬਦਰੀਨਾਥ ਮੰਦਿਰ         |
| (III) ਫਤਿਹਪੁਰ ਸੀਕਰੀ | (c) ਖਿਰਕੀ ਮਸਜਿਦ           |
| (IV) ਕੋਲਕਤਾ         | (d) ਬੁਲੰਦ ਦਰਵਾਜ਼ਾ         |

**Options :**

70819140979. (I)-(b), (II)-(c), (III)-(d), (IV)-(a)

70819140980. (I)-(b), (II)-(d), (III)-(c), (IV)-(a)

70819140981. (I)-(c), (II)-(a), (III)-(b), (IV)-(d)

70819140982. (I)-(b), (II)-(a), (III)-(d), (IV)-(c)

**Question Number : 34 Question Id : 70819112510 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Match List - I with List - II.

List - I

List - II

(I) Agra fort

(a)



(II) Atala Masjid

(b)



(III) Nalanda University

(c)



(IV) Jagannatha Temple

(d)



Options :

70819140983. (I)-(b), (II)-(c), (III)-(a), (IV)-(d)

70819140984. (I)-(a), (II)-(b), (III)-(c), (IV)-(d)

70819140985. (I)-(c), (II)-(a), (III)-(d), (IV)-(b)

70819140986. (I)-(b), (II)-(a), (III)-(c), (IV)-(d)

Question Number : 34 Question Id : 70819112510 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਸੁਚੀ I ਨੂੰ ਸੁਚੀ II ਨਾਲ ਮਿਲਾਣ ਕਰੋ।

ਸੁਚੀ - I

ਸੁਚੀ - II

(I) ਆਗਰਾ ਕਿਲ੍ਹਾ

(a)



(II) ਅਟਾਲਾ ਮਸਜਿਦ

(b)



(III) ਨਲੰਦਾ ਵਿਸ਼ਵ ਵਿਦਿਆਲਯ

(c)



(IV) ਜਗਨਨਾਥ ਮੰਦਿਰ

(d)



Options :

70819140983. (I)-(b), (II)-(c), (III)-(a), (IV)-(d)

70819140984. (I)-(a), (II)-(b), (III)-(c), (IV)-(d)

70819140985. (I)-(c), (II)-(a), (III)-(d), (IV)-(b)

70819140986. (I)-(b), (II)-(a), (III)-(c), (IV)-(d)

**Question Number : 35 Question Id : 70819112511 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

Match List - I with List - II.

List - I	List - II
(I) Yadvindra Garden	(a) Manali
(II) Vishnu Temple	(b) Amritsar
(III) Hidimba Temple	(c) Pinjore
(IV) Hari Mandir	(d) Buniyar

**Options :**

70819140987. (I)-(c), (II)-(d), (III)-(b), (IV)-(a)

70819140988. (I)-(c), (II)-(d), (III)-(a), (IV)-(b)

70819140989. (I)-(d), (II)-(b), (III)-(c), (IV)-(a)

70819140990. (I)-(b), (II)-(d), (III)-(a), (IV)-(c)

**Question Number : 35 Question Id : 70819112511 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਣ ਕਰੋ।

ਸੂਚੀ - I

ਸੂਚੀ - II

- |                     |               |
|---------------------|---------------|
| (I) ਯਾਦਵਿੰਦਰਾ ਗਾਰਡਨ | (a) ਮਨਾਲੀ     |
| (II) ਵਿਸ਼ਨੂ ਮੰਦਿਰ   | (b) ਅੰਮ੍ਰਿਤਸਰ |
| (III) ਹਡਿੰਬਾ ਮੰਦਿਰ  | (c) ਪਿੰਜੋਰ    |
| (IV) ਹਰੀ ਮੰਦਿਰ      | (d) ਬੁਨਿਆਰ    |

**Options :**

70819140987. (I)-(c), (II)-(d), (III)-(b), (IV)-(a)

70819140988. (I)-(c), (II)-(d), (III)-(a), (IV)-(b)

70819140989. (I)-(d), (II)-(b), (III)-(c), (IV)-(a)

70819140990. (I)-(b), (II)-(d), (III)-(a), (IV)-(c)

**Question Number : 36 Question Id : 70819112512 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Match List - I with List - II.

List - I

List - II

- |                     |               |
|---------------------|---------------|
| (I) Mehrangarh Fort | (a) Hyderabad |
| (II) Siri Fort      | (b) Kolkata   |
| (III) Golconda Fort | (c) Delhi     |
| (IV) Fort William   | (d) Jodhpur   |

Choose the correct answer from options given below :

**Options :**

70819140991. (I)-(a), (II)-(d), (III)-(b), (IV)-(c)

70819140992. (I)-(d), (II)-(c), (III)-(a), (IV)-(b)

70819140993. (I)-(d), (II)-(c), (III)-(b), (IV)-(a)



70819140994. (I)-(a), (II)-(b), (III)-(d), (IV)-(c)

**Question Number : 36 Question Id : 70819112512 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

**ਸੂਚੀ I ਨੂੰ ਸੂਚੀ II ਨਾਲ ਮਿਲਾਣ ਕਰੋ।**

**ਸੂਚੀ - I**

**ਸੂਚੀ - II**

- |                       |              |
|-----------------------|--------------|
| (I) ਮੇਹਰਾਨਗੜ੍ਹ ਕਿਲ੍ਹਾ | (a) ਹੈਦਰਾਬਾਦ |
| (II) ਸਿਰੀ ਕਿਲ੍ਹਾ      | (b) ਕੋਲਕਤਾ   |
| (III) ਗੋਲਕੋਂਡ ਕਿਲ੍ਹਾ  | (c) ਦਿੱਲੀ    |
| (IV) ਵਿਲਿਅਮ ਦਾ ਕਿਲ੍ਹਾ | (d) ਜੋਧਪੁਰ   |

ਹੇਠ ਦਿੱਤੇ ਵਿਕਲਪਾਂ ਚੋਂ ਸਹੀ ਉੱਤਰ ਲੱਭੋ :

**Options :**

70819140991. (I)-(a), (II)-(d), (III)-(b), (IV)-(c)

70819140992. (I)-(d), (II)-(c), (III)-(a), (IV)-(b)

70819140993. (I)-(d), (II)-(c), (III)-(b), (IV)-(a)

70819140994. (I)-(a), (II)-(b), (III)-(d), (IV)-(c)

**Question Number : 37 Question Id : 70819112513 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Book 'God of small things' is written by which Indian Architect ?

**Options :**

70819140995. B.V. Doshi

70819140996. Arundhati Roy

70819140997. Revati Kamat

70819140998. Bimal Patel

**Question Number : 37 Question Id : 70819112513 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਕਿਤਾਬ 'ਗੋਡ ਆਫ਼ ਸਮਾਲ ਬਿੰਗਜ਼' ਕਿਹੜੇ ਭਾਰਤ ਦੇ ਆਰਕੀਟੈਕਟ ਦਵਾਰਾ ਲਿਖੀ ਗਈ ਹੈ ?

**Options :**

70819140995. ਬੀ.ਵੀ. ਦੋਸ਼ੀ

70819140996. ਅਰੁਨਧਤੀ ਰਾਏ

70819140997. ਰੇਵਤੀ ਕਾਮਤ

70819140998. ਬਿਮਲ ਪਟੇਲ

**Question Number : 38 Question Id : 70819112514 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

'Jharokha' is a type of window mostly found in :

**Options :**

70819140999. Gujarat

70819141000. West Bengal

70819141001. Tamil Nadu

70819141002. Rajasthan

**Question Number : 38 Question Id : 70819112514 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

‘ਝਰੋਖਾ’ ਜੋ ਇੱਕ ਕਿਸਮ ਦੀ ਖਿੜਕੀ ਹੈ, ਇੰਨਾਂ ਵਿੱਚੋਂ ਕਿਸ ਰਾਜ ਵਿੱਚ ਜ਼ਿਆਦਾ ਪਾਈ ਜਾਂਦੀ ਹੈ ?

**Options :**

70819140999. ਗੁਜਰਾਤ

70819141000. ਪੱਛਮੀ ਬੰਗਾਲ

70819141001. ਤਾਮਿਲਨਾਡੂ

70819141002. ਰਾਜਸਥਾਨ

**Question Number : 39 Question Id : 70819112515 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

The monsoon wind enters in Indian sub-continent from which direction ?

**Options :**

70819141003. North-West side

70819141004. South-East side

70819141005. North side

70819141006. South-West side



**Question Number : 39 Question Id : 70819112515 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਮਾਨਸੂਨ ਹਵਾ ਕਿਹੜੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਭਾਰਤ ਉੱਪ ਸਹਾਂਦੀਪ ਵਿੱਚ ਪ੍ਰਵੇਸ਼ ਕਰਦੀ ਹੈ ?

**Options :**

70819141003. ਉੱਤਰ-ਪੱਛਮ ਵਾਲੇ ਪਾਸੇ

70819141004. ਦੱਖਣ-ਪੂਰਬ ਵਾਲੇ ਪਾਸੇ

70819141005. ਉੱਤਰ ਵਾਲੇ ਪਾਸੇ

70819141006. ਦੱਖਣ-ਪੱਛਮ ਵਾਲੇ ਪਾਸੇ

**Question Number : 40 Question Id : 70819112516 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which of the following building represents the colonial Architectural pattern in India ?

**Options :**

70819141007. Bharat Bhavan in Bhopal

70819141008. LIC Building in Delhi

70819141009. Charminar in Hyderabad

70819141010. Victoria Memorial in Kolkata

**Question Number : 40 Question Id : 70819112516 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠ ਦਿੱਤੇ ਵਿੱਚੋਂ ਕਿਹੜੀ ਇਮਾਰਤ 'ਬਸਤੀਵਾਦੀ (ਕਲੋਨੀਅਲ) ਆਰਕੀਟੈਕਚਰ' ਢੰਗ ਨੂੰ ਪ੍ਰਗਟ ਕਰਦੀ ਹੈ ?

**Options :**

70819141007. ਭਾਰਤ ਭਵਨ -ਭੋਪਾਲ

70819141008. ਐਲ.ਆਈ.ਸੀ. ਇਮਾਰਤ -ਦਿੱਲੀ

70819141009. ਚਾਰ ਮਿਨਾਰ -ਹੈਦਰਾਬਾਦ

70819141010. ਵਿਕਟੋਰੀਆ ਮੈਮੋਰਿਅਲ -ਕੋਲਕਤਾ

**Question Number : 41 Question Id : 70819112517 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

What is the size of A2 Drawing sheet ?

**Options :**

70819141011.  $420 \times 590$  (mm  $\times$  mm)

70819141012.  $420 \times 594$  (mm  $\times$  mm)

70819141013.  $297 \times 420$  (mm  $\times$  mm)

70819141014.  $420 \times 592$  (mm  $\times$  mm)

**Question Number : 41 Question Id : 70819112517 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

A2 ਡਰਾਇੰਗ ਸੀਟ ਦਾ ਕੀ ਮਾਪ ਹੰਦਾ ਹੈ (mm= ਮੀਲੀਮੀਟਰ) ?

**Options :**

70819141011.  $420 \times 590$  (mm  $\times$  mm)

70819141012.  $420 \times 594$  (mm  $\times$  mm)

70819141013.  $297 \times 420$  (mm  $\times$  mm)

70819141014.  $420 \times 592$  (mm  $\times$  mm)

**Question Number : 42 Question Id : 70819112518 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Victory Tower belongs to which of the following fort :

**Options :**

70819141015. Chittor fort

70819141016. Jaigarh fort

70819141017. Bhangarh fort

70819141018. Amer fort

**Question Number : 42 Question Id : 70819112518 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

‘ਵਿਕਟਰੀ ਟਾਵਰ’ ਕਿਹੜੇ ਹੇਠ ਲਿਖੇ ਕਿਲ੍ਹੇ ਨਾਲ ਸਬੰਧਤ ਹੈ ?

**Options :**

70819141015. ਚਿੱਤੌੜ ਦਾ ਕਿਲ੍ਹਾ

70819141016. ਜੈਗੜ੍ਹ ਦਾ ਕਿਲ੍ਹਾ

70819141017. ਭਾਨਗੜ੍ਹ ਦਾ ਕਿਲ੍ਹਾ

70819141018. ਆਮੇਰ ਦਾ ਕਿਲ੍ਹਾ

**Question Number : 43 Question Id : 70819112519 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which amongst the following Architect has designed the famous Temple "Akshardham" ?

**Options :**

70819141019. Sanjay Puri

70819141020. Vikram Lall

70819141021. Ashok Lall

70819141022. C. Sompura

**Question Number : 43 Question Id : 70819112519 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਇੰਨਾਂ ਵਿੱਚੋਂ ਕਿਹੜੇ ਆਰਕੀਟੈਕਟ ਨੇ ਮਸ਼ਹੂਰ ਮੰਦਿਰ "ਅਕਸ਼ਰਧਾਮ" ਡਿਜ਼ਾਇਨ ਕੀਤਾ ਹੈ ?

**Options :**

70819141019. ਸੰਜੇ ਪੁਰੀ

70819141020. ਵਿਕਰਮ ਲਾਲ

70819141021. ਅਸ਼ੋਕ ਲਾਲ

70819141022. ਸੀ. ਸੋਮਪੁਰਾ

**Question Number : 44 Question Id : 70819112520 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

'Volume Zero' Documentary is on which Architect ?

**Options :**

70819141023. Charles Correa

70819141024. Richard Mier

70819141025. Jasbir Sachdev

70819141026. Ranjit Sabliki

**Question Number : 44 Question Id : 70819112520 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

'ਵਾਲੀਆਮ ਜ਼ੀਰੋ' ਦਸਤਾਵੇਜ਼ੀ ਕਿਹੜੇ ਆਰਕੀਟੈਕਟ ਦੇ ਬਾਰੇ ਹੈ :

**Options :**

70819141023. ਚਾਰਲਸ ਕੋਰੀਆ

70819141024. ਰਿਚਰਡ ਮੀਅਰ

70819141025. ਜਸਬੀਰ ਸਚਦੇਵ

70819141026. ਰਨਜੀਤ ਸਭਲੀਕੀ

**Question Number : 45 Question Id : 70819112521 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

'Agenda 21' is declaration related with :

**Options :**

70819141027. Climate change

70819141028. Global warming

70819141029. Sustainable development

70819141030. Smart city

**Question Number : 45 Question Id : 70819112521 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

'ਏਜੰਡਾ 21 ਦੀ' ਘੋਸ਼ਣਾ ਕਿਸ ਨਾਲ ਸਬੰਧਤ ਹੈ ?

**Options :**

70819141027. ਮੌਸਮ ਤਬਦੀਲੀ

70819141028. ਗਲੋਬਲ ਵਾਰਮਿੰਗ

70819141029. ਸਸਟੇਨਬਲ ਵਿਕਾਸ

70819141030. ਸਮਾਰਟ ਸਿਟੀ

**Question Number : 46 Question Id : 70819112522 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Gold mines are situated in which state of India ?

**Options :**

70819141031. Karnataka

70819141032. Orissa

70819141033. Maharashtra

70819141034. Uttar Pradesh

**Question Number : 46 Question Id : 70819112522 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਸੋਨੇ ਦੀਆਂ ਖਾਣਾਂ, ਭਾਰਤ ਦੇ ਕਿਹੜੇ ਰਾਜ ਵਿੱਚ ਸਥਿਤ ਹਨ ?

**Options :**

70819141031. ਕਰਨਾਟਕਾ

70819141032. ਉੜੀਸਾ

70819141033. ਮਹਾਰਾਸ਼ਟਰਾ

70819141034. ਉੱਤਰ ਪ੍ਰਦੇਸ਼

**Question Number : 47 Question Id : 70819112523 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

In the Southern Hemisphere shadowless light is from which direction ?

**Options :**

70819141035. North

70819141036. South

70819141037. East

70819141038. West

**Question Number : 47 Question Id : 70819112523 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਦੱਖਣੀ ਗੋਲਾਕ ਵਿੱਚ ਪਰਛਾਵਾਂ ਰਹਿਤ ਰੋਸ਼ਨੀ ਕਿਹੜੀ ਦਿਸ਼ਾ ਤੋਂ ਆਉਂਦੀ ਹੈ ?

**Options :**

70819141035. ਉੱਤਰ

70819141036. ਦੱਖਣ

70819141037. ਪੂਰਬ

70819141038. ਪੱਛਮ

**Question Number : 48 Question Id : 70819112524 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**



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

The first Indian Architect who has won Pritzker Prize in 2018 is :

**Options :**

70819141039. B.V. Doshi

70819141040. Laurie Baker

70819141041. Raj Rewal

70819141042. Achyut Kanvinde

**Question Number : 48 Question Id : 70819112524 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਕਿਹੜਾ ਪਹਿਲਾ ਭਾਰਤੀ ਆਰਕੀਟੈਕਟ ਜਿਸਨੂੰ ਪ੍ਰਿਟਜ਼ਕਰ ਪੁਰਸਕਾਰ 2018 ਵਿੱਚ ਜਿੱਤਿਆ ।

**Options :**

70819141039. ਬੀ.ਵੀ. ਦੋਸ਼ੀ

70819141040. ਲੌਰੀ ਬੇਕਰ

70819141041. ਰਾਜ ਰੇਵਾਲ

70819141042. ਅਚਿਊਤ ਕਨਵਿੰਦੇ

**Question Number : 49 Question Id : 70819112525 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Word "Bungalow" has originated from :

**Options :**

70819141043. Bengalurm

70819141044. Banaras

70819141045. Bengal

70819141046. Bari

**Question Number : 49 Question Id : 70819112525 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਸ਼ਬਦ "ਬੰਗਲੋ" ਦੀ ਸ਼ੁਰੂਆਤ ਕਿਥੋਂ ਹੋਈ ?

**Options :**

70819141043. ਬੈਂਗਲੁਰੁਮ

70819141044. ਬਨਾਰਸ

70819141045. ਬੰਗਾਲ

70819141046. ਬਾਰੀ

**Question Number : 50 Question Id : 70819112526 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

The IIM - Ahmedabad is designed by which of the following Architect ?

**Options :**

70819141047. Laurie Baker

70819141048. Louis Kahn

70819141049. Lutyen

70819141050. Le Corbusier

**Question Number : 50 Question Id : 70819112526 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

‘ਆਈ ਆਈ ਐਮ’ ਅਹਿਮਦਾਬਾਦ ਹੇਠ ਲਿੱਖੇ ਕਿਹੜੇ ਆਰਕੀਟੈਕਟ ਨੇ ਡਿਜ਼ਾਇਨ ਕੀਤਾ ਹੈ ?

**Options :**

70819141047. ਲੌਰੀ ਬੇਕਰ

70819141048. ਲੁਈ ਕਾਨ

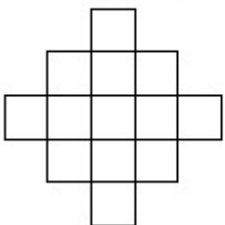
70819141049. ਲਊਟੇਨ

70819141050. ਲੀ-ਕੌਰਬੁਜ਼ੀਅਰ

**Question Number : 51 Question Id : 70819112527 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

In the given figure, how many squares are present ?



**Options :**

70819141051. 14

70819141052. 13

70819141053. 15

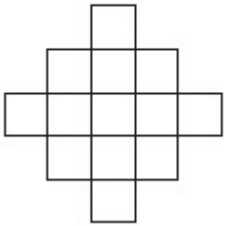
70819141054. 18

**Question Number : 51 Question Id : 70819112527 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਦਿੱਤੇ ਗਏ ਚਿੱਤਰ ਵਿੱਚ, ਕੁੱਲ ਕਿੰਨੇ ਵਰਗ ਮੌਜੂਦ ਨੇ ?



**Options :**

70819141051. 14

70819141052. 13

70819141053. 15

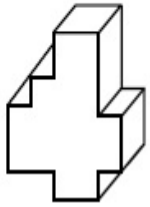
70819141054. 18

**Question Number : 52 Question Id : 70819112528 Question Type : MCQ Option Shuffling : Yes**

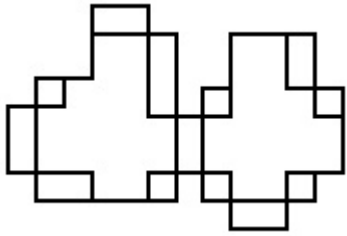
**Is Question Mandatory : No**

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

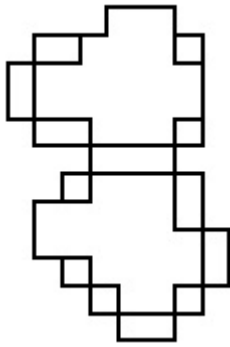
A drawing is provided with all the folds to construct the following three Dimensional object.  
Select the correct one.



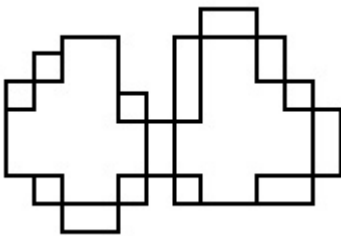
**Options :**



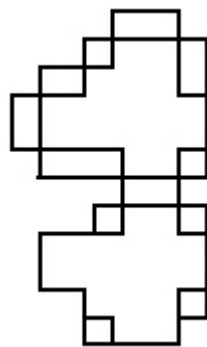
70819141055.



70819141056.



70819141057.

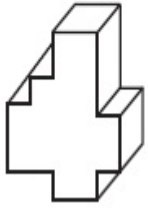


70819141058.

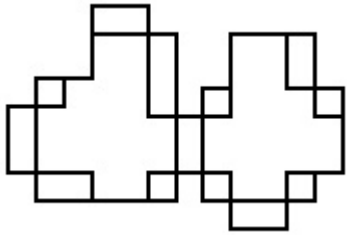
**Is Question Mandatory : No**

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

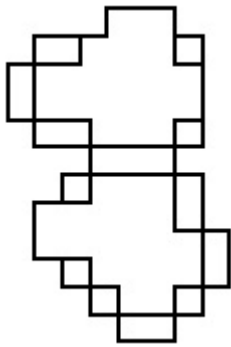
ਡਰਾਇੰਗ ਸਾਰੇ ਫੇਲਡਾਂ ਦੇ ਨਾਲ ਦਿੱਤੀ ਗਈ ਹੈ ਜਿੰਨ੍ਹਾਂ ਨਾਲ ਹੇਠ ਦਿੱਤੀ ਤਿੰਨ ਅਯਾਮੀ 3-ਡੀ ਵਸਤੂ ਦਾ ਨਿਰਮਾਣ ਕੀਤਾ ਹੈ । ਸਹੀ ਉੱਤਰ ਚੁਣੋ ।



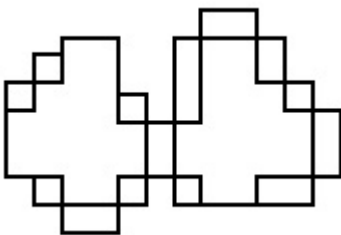
**Options :**



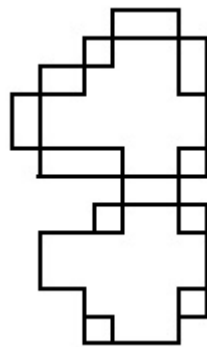
70819141055.



70819141056.



70819141057.



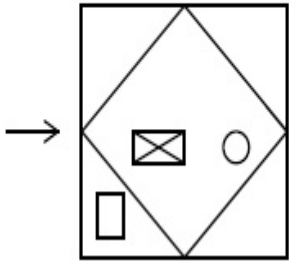
70819141058.

Question Number : 53 Question Id : 70819112529 Question Type : MCQ Option Shuffling : Yes

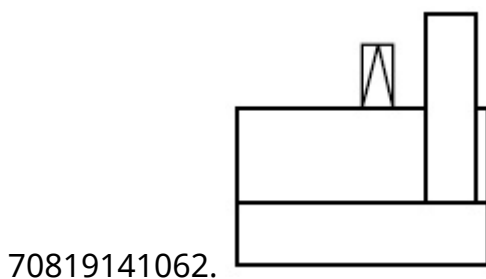
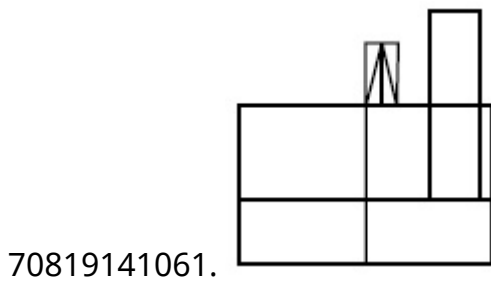
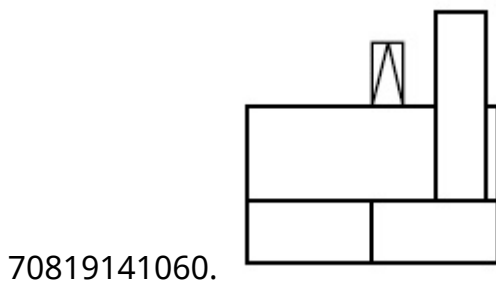
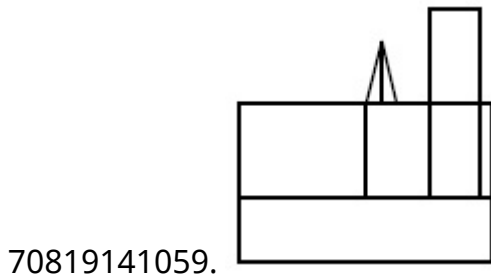
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The problem figure shows the top view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



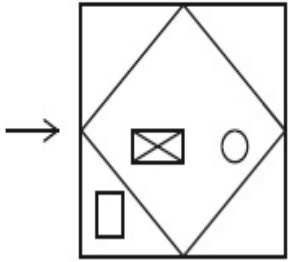
Options :



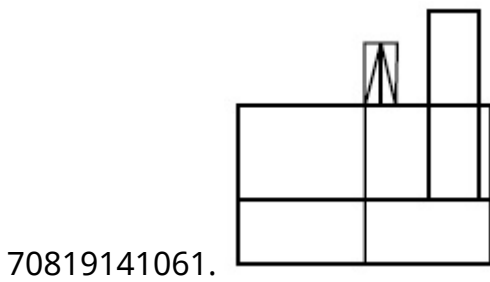
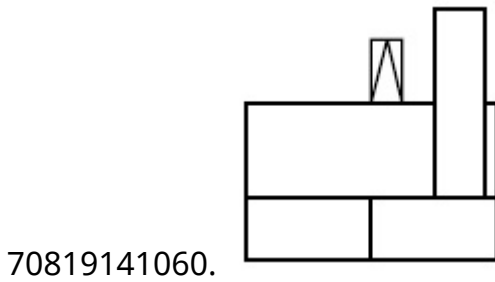
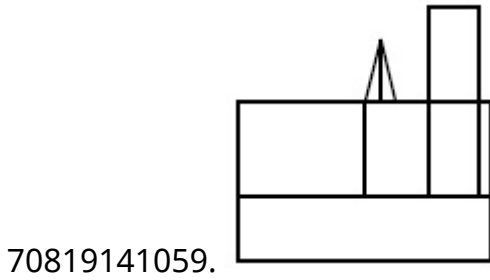
Question Number : 53 Question Id : 70819112529 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਸਵਾਲ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾ ਵਿੱਚੋਂ ਪਛਾਣੋ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਵੇਖਿਆ ਜਾਵੇਗਾ।

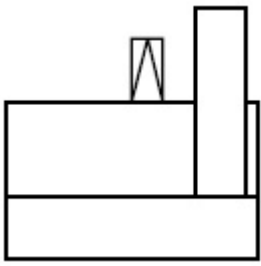


Options :



70819141062.



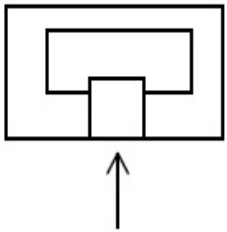


Question Number : 54 Question Id : 70819112530 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

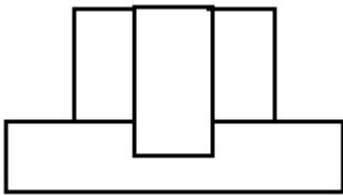
Correct Marks : 4 Wrong Marks : 1

The problem figure shows the top view of an object. Identify the correct elevation amongst the answer figures looking in the direction of arrow.

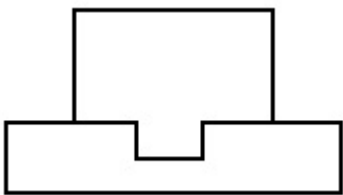


Options :

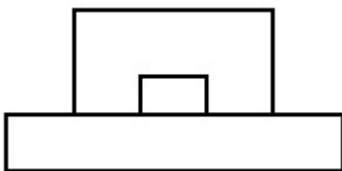
70819141063.



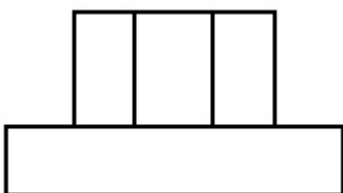
70819141064.



70819141065.



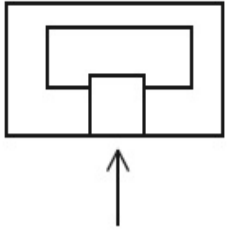
70819141066.



Question Number : 54 Question Id : 70819112530 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No

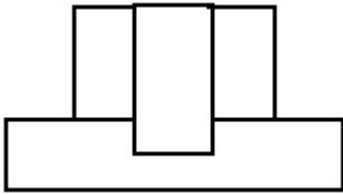
Correct Marks : 4 Wrong Marks : 1

ਸਵਾਲ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿੱਚੋਂ ਪਛਾਣੋ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ ਇਸ ਵਸਤੂ ਦਾ ਸਾਹਮਣੇ ਦਾ ਦ੍ਰਿਸ਼(ਐਲੀਵੇਸ਼ਨ) ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।

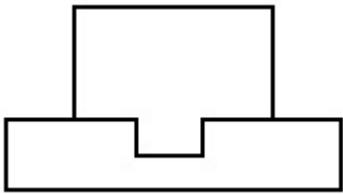


Options :

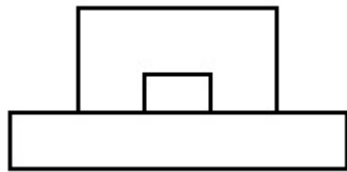
70819141063.



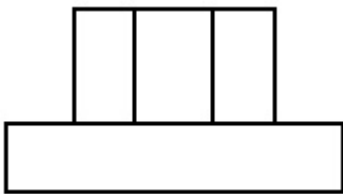
70819141064.



70819141065.



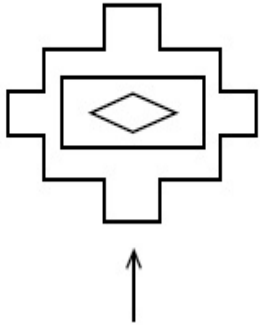
70819141066.



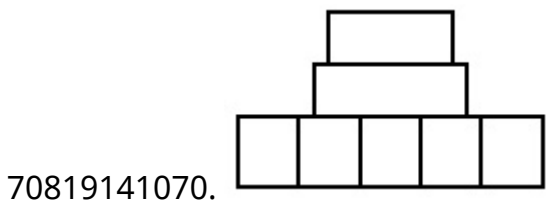
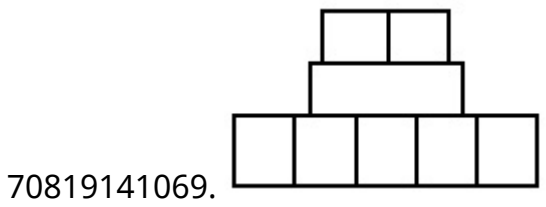
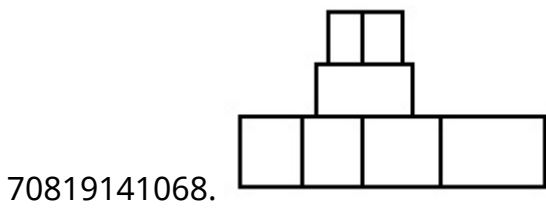
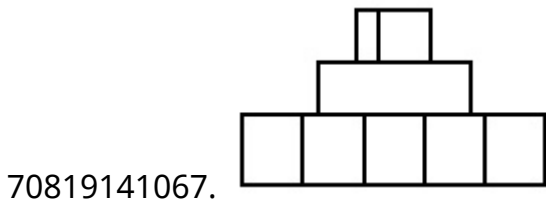
Question Number : 55 Question Id : 70819112531 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No

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

The problem figure shows the top view of an object. Identify the correct elevation amongst the answer figures looking in the direction of arrow.



**Options :**

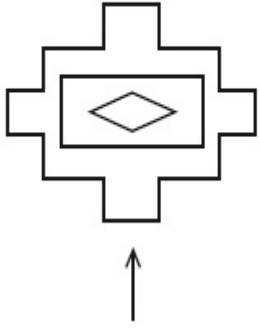


**Question Number : 55 Question Id : 70819112531 Question Type : MCQ Option Shuffling : Yes**

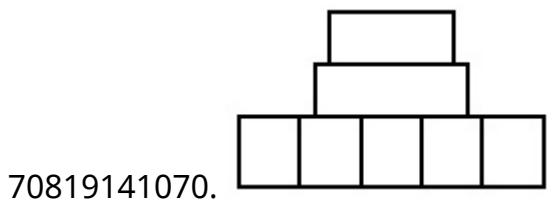
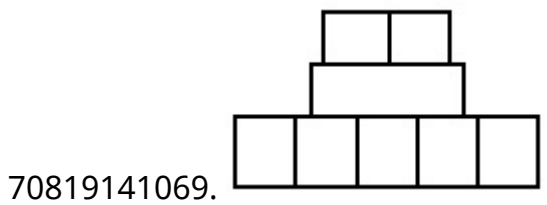
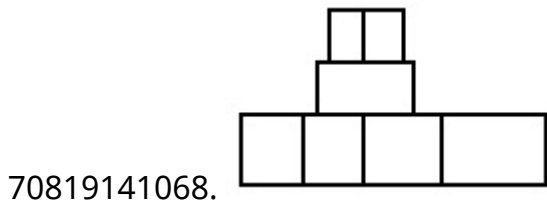
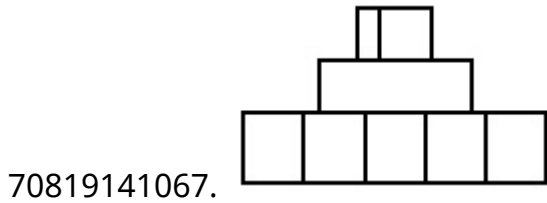
**Is Question Mandatory : No**

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

ਸਵਾਲ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿੱਚੋਂ ਪਛਾਣੋ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ ਇਸ ਵਸਤੂ ਦਾ ਸਾਹਮਣੇ ਦਾ ਦ੍ਰਿਸ਼(ਐਲੀਵੇਸ਼ਨ) ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।



**Options :**

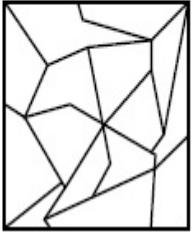


**Question Number : 56 Question Id : 70819112532 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

One of the following answer figures is hidden in problem figure in same size and direction.  
Select correct one.



**Options :**

70819141071.

70819141072.

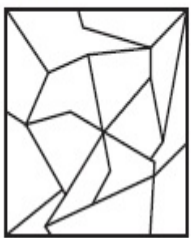
70819141073.

70819141074.

**Question Number : 56 Question Id : 70819112532 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

ਹੇਠ ਦਿੱਤੇ ਜਵਾਬ ਚਿੱਤਰਾਂ ਵਿਚੋਂ ਕੋਈ ਇੱਕ ਸਵਾਲ ਚਿੱਤਰ ਵਿੱਚ ਲੁਕਿਆ ਹੋਇਆ ਹੈ, ਉਸੇ ਮਾਪ ਅਤੇ ਉਸੇ ਦਿਸ਼ਾ ਵਿੱਚ। ਸਹੀ ਜਵਾਬ ਚੁਣੋ ।



**Options :**

70819141071.

70819141072.



70819141073.



70819141074.



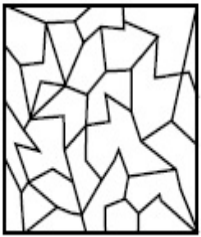
**Question Number : 57 Question Id : 70819112533 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

One of the following answer figures is hidden in problem figure in the same size and direction.

Select correct one.



**Options :**

70819141075.



70819141076.



70819141077.



70819141078.

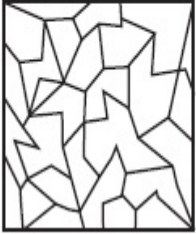


Question Number : 57 Question Id : 70819112533 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਹੇਠ ਦਿੱਤੇ ਜਵਾਬ ਚਿੱਤਰਾਂ ਵਿੱਚੋਂ ਕੋਈ ਇੱਕ ਸਵਾਲ ਚਿੱਤਰ ਵਿੱਚ ਲੁਕਿਆ ਹੋਇਆ ਹੈ, ਉਸੇ ਮਾਪ ਅਤੇ ਉਸੇ ਦਿਸ਼ਾ ਵਿੱਚ। ਸਹੀ ਜਵਾਬ ਚੁਣੋ ।



Options :

70819141075.

70819141076.

70819141077.

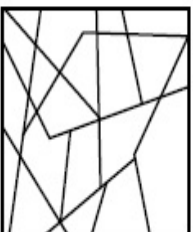
70819141078.

Question Number : 58 Question Id : 70819112534 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One of the following answer figures is hidden in the problem figure in same size and direction.  
Select the correct one.



Options :

70819141079.



70819141080.



70819141081.



70819141082.

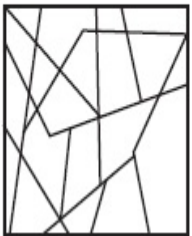


**Question Number : 58 Question Id : 70819112534 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠ ਦਿੱਤੇ ਜਵਾਬ ਚਿੱਤਰਾਂ ਵਿਚੋਂ ਕੋਈ ਇੱਕ ਸਵਾਲ ਚਿੱਤਰ ਵਿੱਚ ਲੁਕਿਆ ਹੋਇਆ ਹੈ, ਉਸੇ ਮਾਪ ਅਤੇ ਉਸੇ ਦਿਸ਼ਾ ਵਿੱਚ। ਸਹੀ ਜਵਾਬ ਚੁਣੋ ।



**Options :**

70819141079.



70819141080.



70819141081.



70819141082.



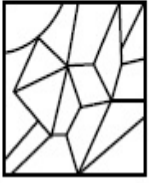


Question Number : 59 Question Id : 70819112535 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One of the following answer figures is hidden in the problem figure in same size and direction.  
Select the correct one.



Options :

70819141083.

70819141084.

70819141085.

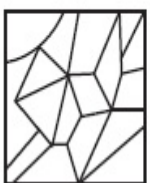
70819141086.

Question Number : 59 Question Id : 70819112535 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਹੇਠ ਦਿੱਤੇ ਜਵਾਬ ਚਿੱਤਰਾਂ ਵਿੱਚੋਂ ਕੋਈ ਇੱਕ ਸਵਾਲ ਚਿੱਤਰ ਵਿੱਚ ਲੁਕਿਆ ਹੋਇਆ ਹੈ, ਉਸੇ ਮਾਪ ਅਤੇ ਉਸੇ ਦਿਸ਼ਾ ਵਿੱਚ। ਸਹੀ ਜਵਾਬ ਚੁਣੋ ।



Options :

70819141083.

70819141084.



70819141085.



70819141086.

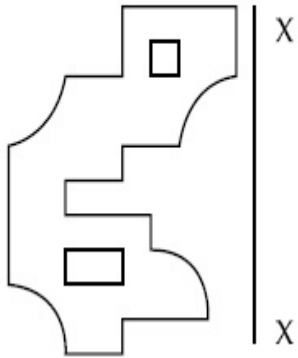


**Question Number : 60 Question Id : 70819112536 Question Type : MCQ Option Shuffling : Yes**

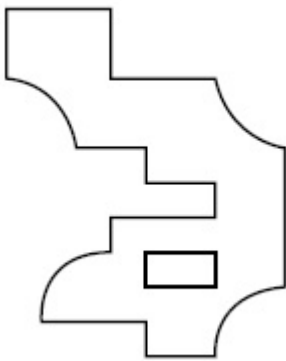
**Is Question Mandatory : No**

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

Which one of the answer figures is correct mirror image of problem figure with respect to X-X ?

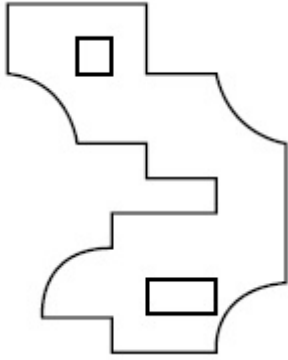
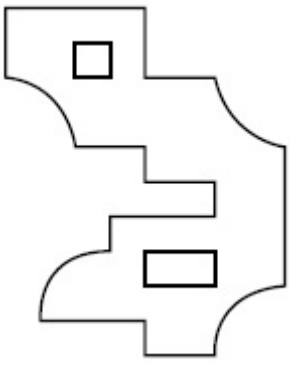


**Options :**

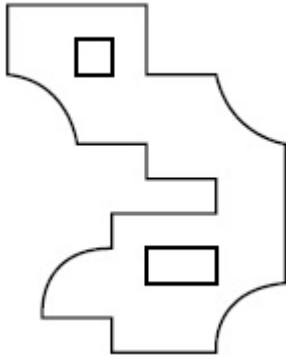


70819141087.

70819141088.



70819141089.



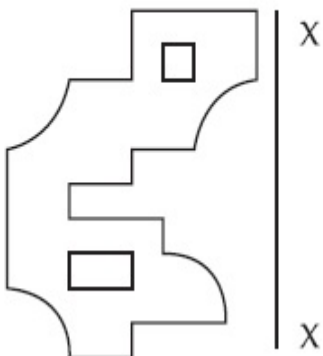
70819141090.

**Question Number : 60 Question Id : 70819112536 Question Type : MCQ Option Shuffling : Yes**

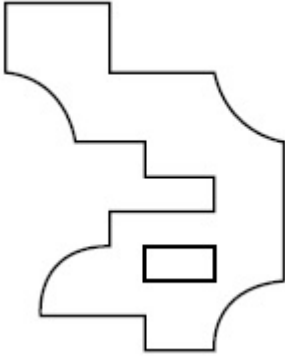
**Is Question Mandatory : No**

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

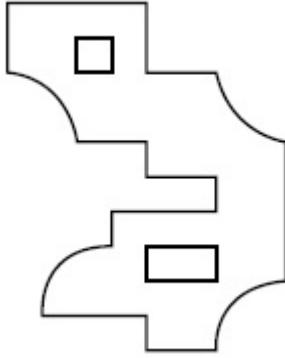
ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦਾ ਸਹੀ ਸ਼ੀਸ਼ੇ ਵਿੱਚ ਦਿਖ ਰਿਹਾ ਚਿੱਤਰ (ਪ੍ਰਤੀਬਿੰਬ) ਹੈ, X-X ਦੇ ਆਧਾਰ ਤੇ ?



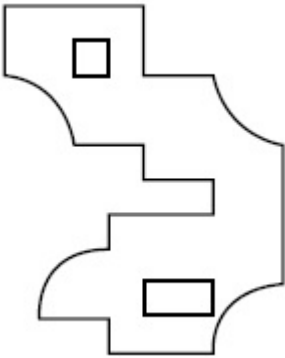
**Options :**



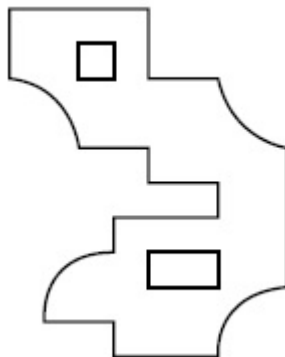
70819141087.



70819141088.



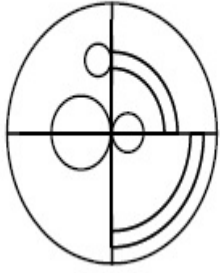
70819141089.



70819141090.

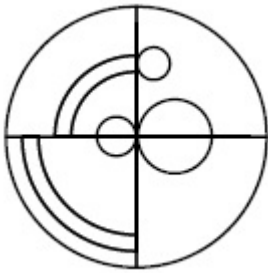
**Correct Marks : 4 Wrong Marks : 1**

Which one of the answer figures is the correct mirror image of the problem figure with respect to X-X ?

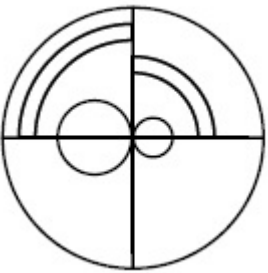


X ————— X

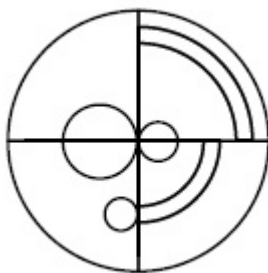
**Options :**



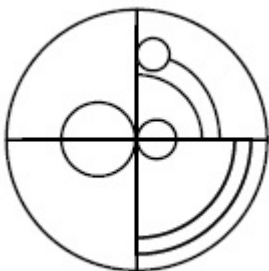
70819141091.



70819141092.



70819141093.



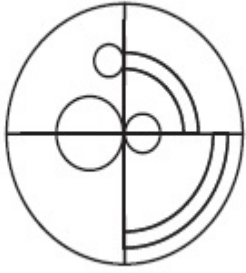
70819141094.

Question Number : 61 Question Id : 70819112537 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

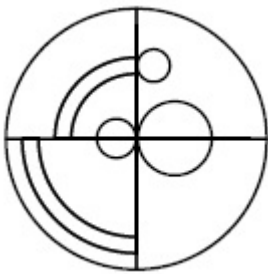
Correct Marks : 4 Wrong Marks : 1

ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦਾ ਸਹੀ ਸ਼ੀਸ਼ੇ ਵਿੱਚ ਦਿਖ ਰਿਹਾ ਚਿੱਤਰ (ਪ੍ਰਤੀਬਿੰਬ) ਹੈ, X-X ਦੇ ਆਧਾਰ ਤੇ ?

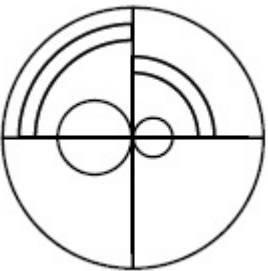


X ————— X

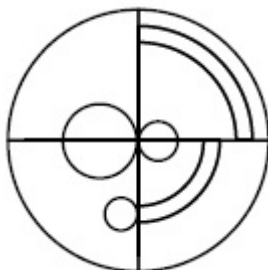
Options :



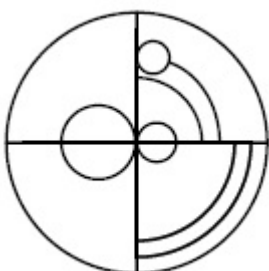
70819141091.



70819141092.



70819141093.

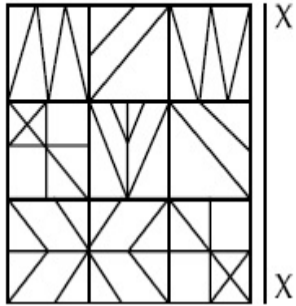


70819141094.

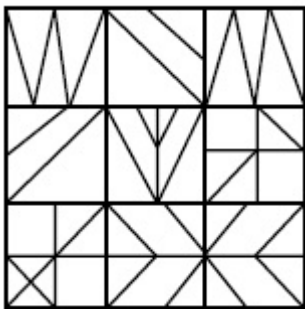
Question Number : 62 Question Id : 70819112538 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

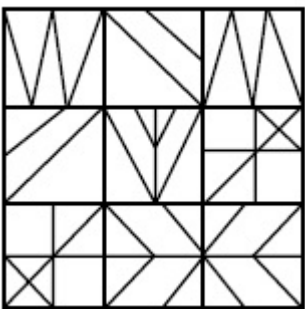
Which one of the answer figures is the correct mirror image of the problem figure with respect to X-X ?



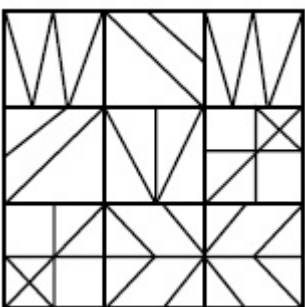
Options :



70819141095.

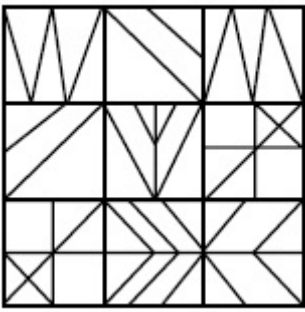


70819141096.



70819141097.

70819141098.

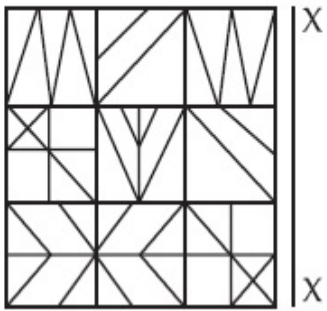


Question Number : 62 Question Id : 70819112538 Question Type : MCQ Option Shuffling : Yes

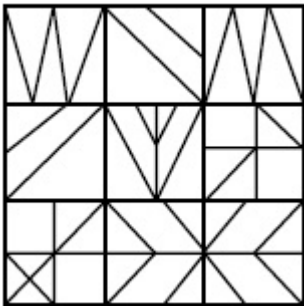
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

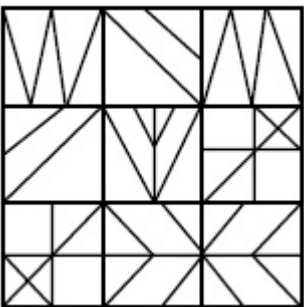
ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਪ੍ਰਸ਼ਨ ਚਿੱਤਰ ਦਾ ਸਹੀ ਸ਼ੀਸ਼ੇ ਵਿੱਚ ਦਿਖ ਰਿਹਾ ਚਿੱਤਰ (ਪ੍ਰਤੀਬਿੰਬ) ਹੈ, X-X ਦੇ ਆਧਾਰ ਤੇ ?



Options :



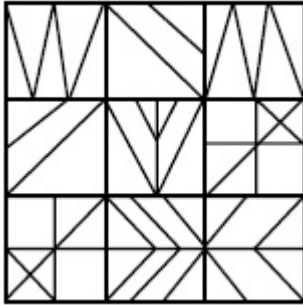
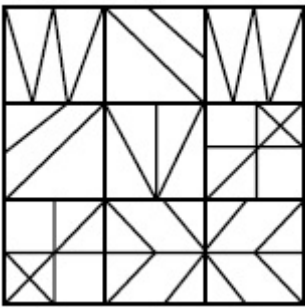
70819141095.



70819141096.

70819141097.





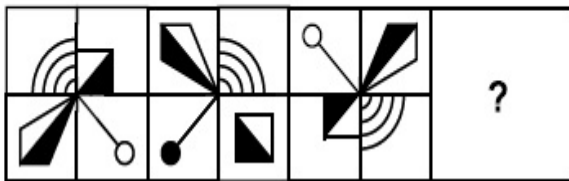
70819141098.

**Question Number : 63 Question Id : 70819112539 Question Type : MCQ Option Shuffling : Yes**

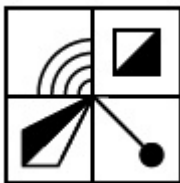
**Is Question Mandatory : No**

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

Which one of the answer figures complete the sequence of the problem figure ? Select the correct one.



**Options :**



70819141099.



70819141100.

70819141101.



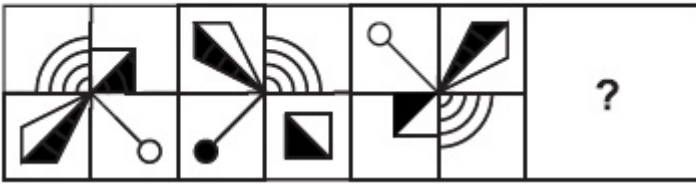
70819141102.

Question Number : 63 Question Id : 70819112539 Question Type : MCQ Option Shuffling : Yes

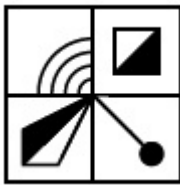
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਸਵਾਲ ਚਿੱਤਰ ਦੇ ਕ੍ਰਮ ਨੂੰ ਪੂਰਾ ਕਰੇਗਾ? ਸਹੀ ਜਵਾਬ ਚੁਣੋ।



Options :



70819141099.



70819141100.



70819141101.

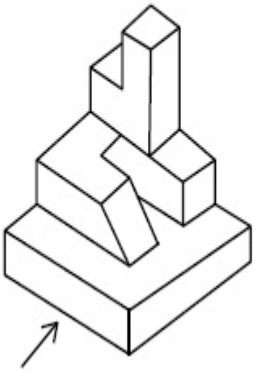
70819141102.



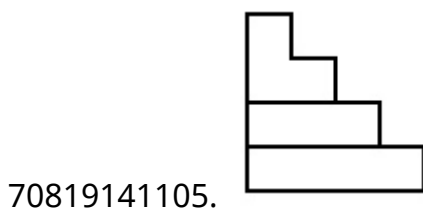
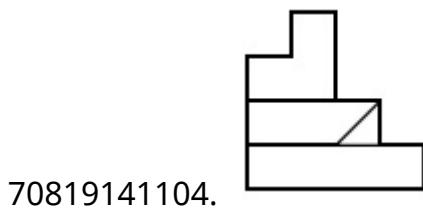
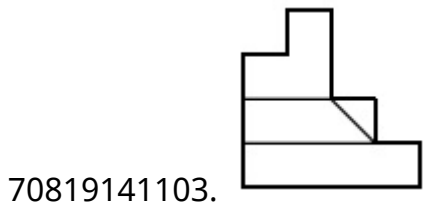
**Question Number : 64 Question Id : 70819112540 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

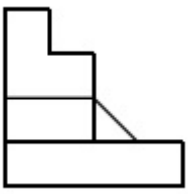
The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**



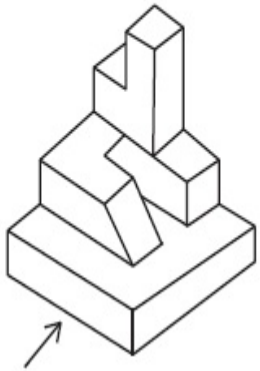
70819141106.



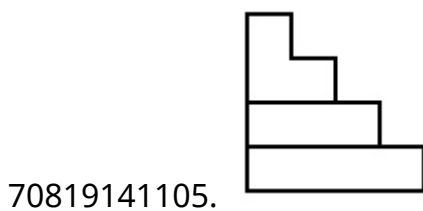
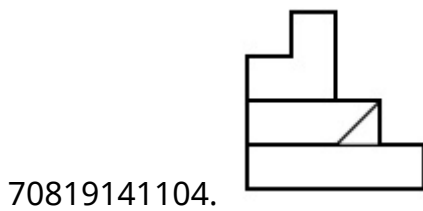
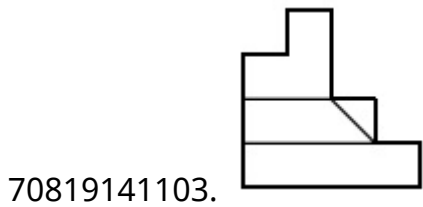
**Question Number : 64 Question Id : 70819112540 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

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

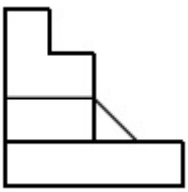
3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।



**Options :**



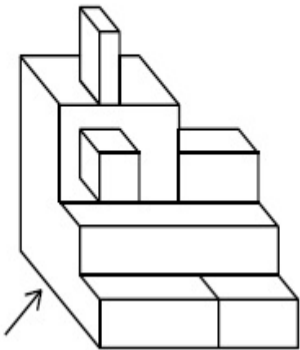
70819141106.



**Question Number : 65 Question Id : 70819112541 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

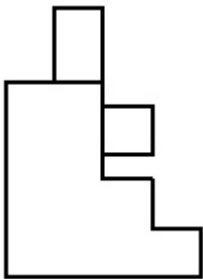
**Correct Marks : 4 Wrong Marks : 1**

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.

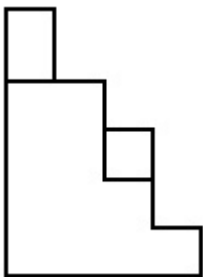


**Options :**

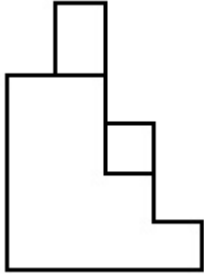
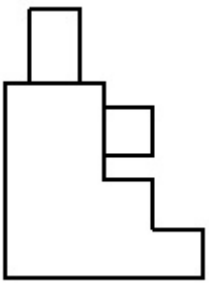
70819141107.



70819141108.



70819141109.



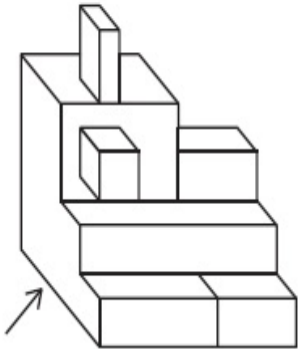
70819141110.

**Question Number : 65 Question Id : 70819112541 Question Type : MCQ Option Shuffling : Yes**

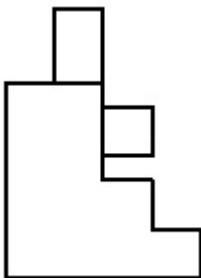
**Is Question Mandatory : No**

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

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।

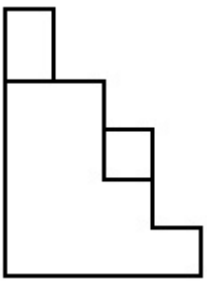


**Options :**

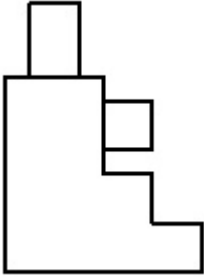


70819141107.

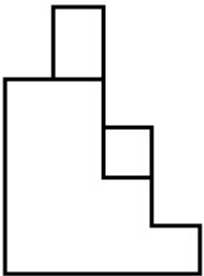
70819141108.



70819141109.

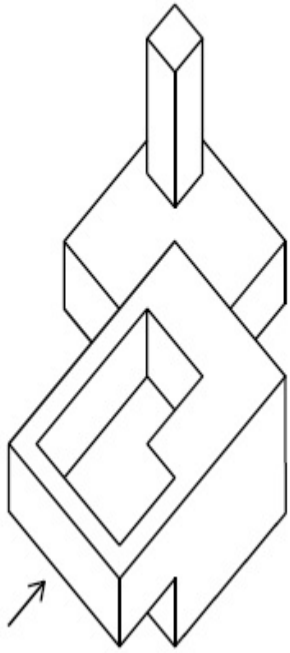


70819141110.

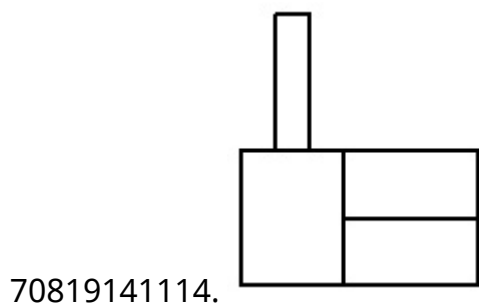
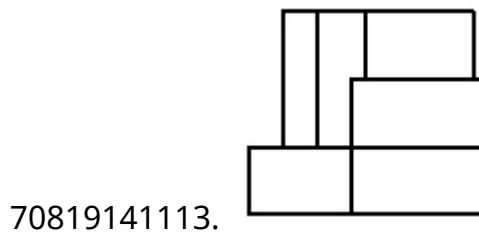
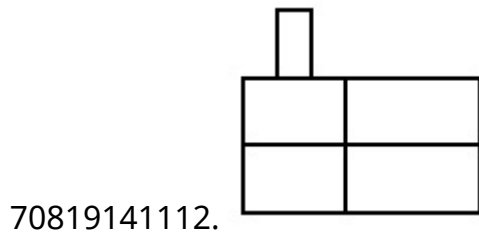
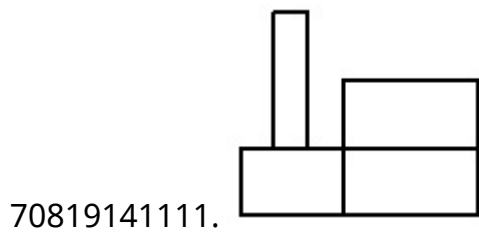


**Question Number : 66 Question Id : 70819112542 Question Type : MCQ Option Shuffling : Yes**  
**Is Question Mandatory : No**  
**Correct Marks : 4 Wrong Marks : 1**

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**

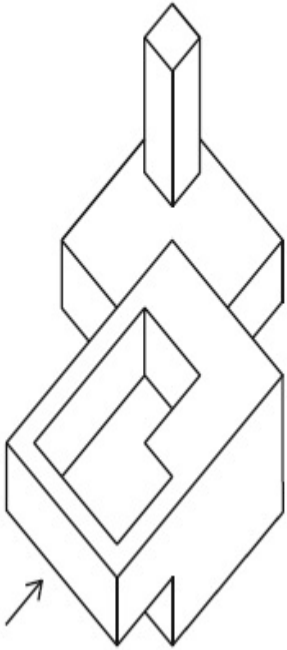




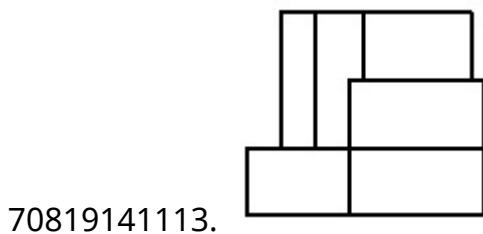
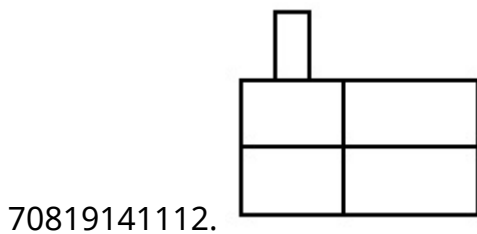
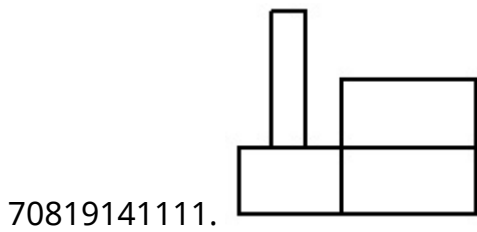
Question Number : 66 Question Id : 70819112542 Question Type : MCQ Option Shuffling : Yes  
 Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

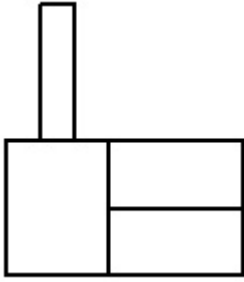
3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ, ਜੋ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।



Options :



70819141114.

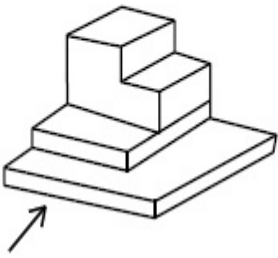


**Question Number : 67 Question Id : 70819112543 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

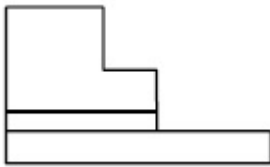
**Correct Marks : 4 Wrong Marks : 1**

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.

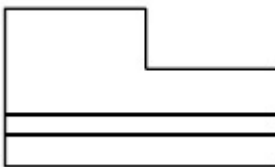


**Options :**

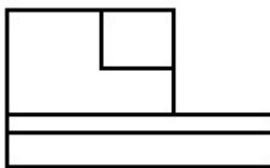
70819141115.



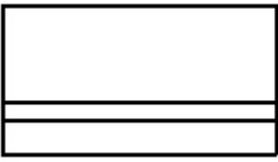
70819141116.



70819141117.



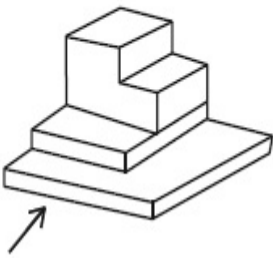
70819141118.



**Question Number : 67 Question Id : 70819112543 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No**

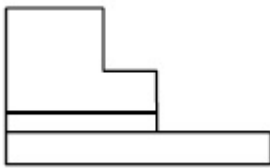
**Correct Marks : 4 Wrong Marks : 1**

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।

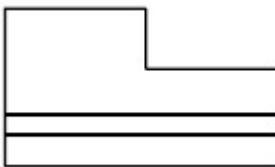


**Options :**

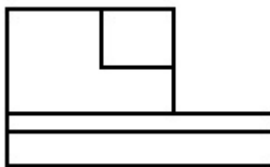
70819141115.



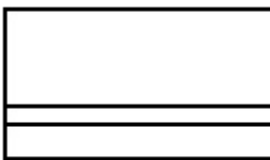
70819141116.



70819141117.



70819141118.

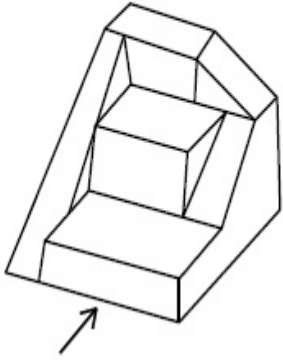


Question Number : 68 Question Id : 70819112544 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

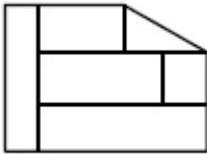
Correct Marks : 4 Wrong Marks : 1

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.

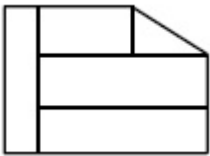


Options :

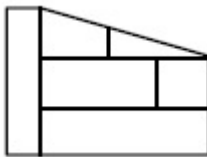
70819141119.



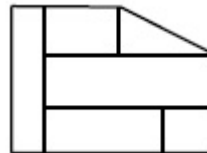
70819141120.



70819141121.



70819141122.

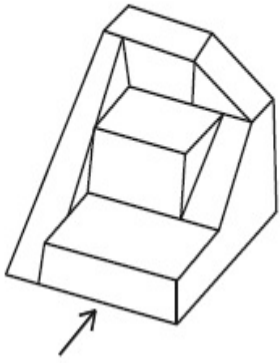


Question Number : 68 Question Id : 70819112544 Question Type : MCQ Option Shuffling : Yes

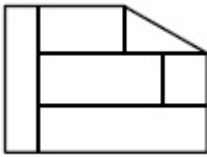
Is Question Mandatory : No

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

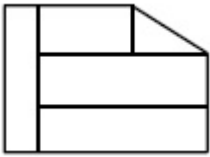
3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।



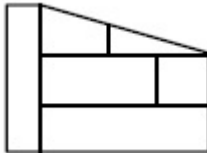
**Options :**



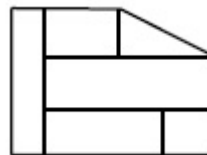
70819141119.



70819141120.



70819141121.



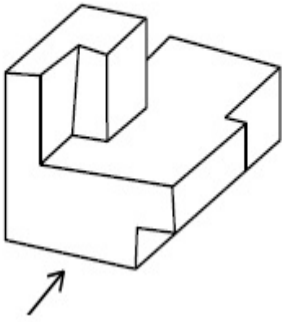
70819141122.

**Question Number : 69 Question Id : 70819112545 Question Type : MCQ Option Shuffling : Yes**

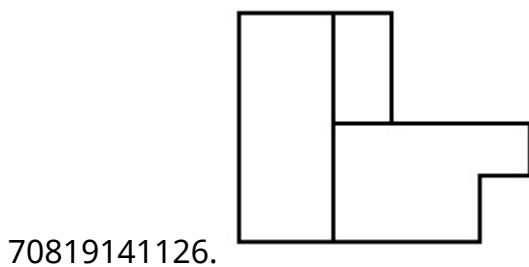
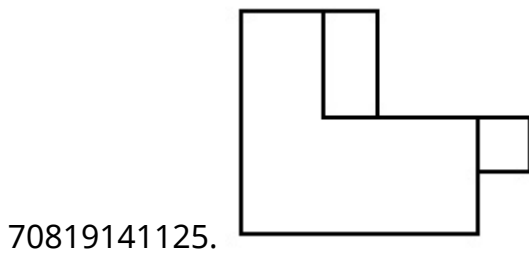
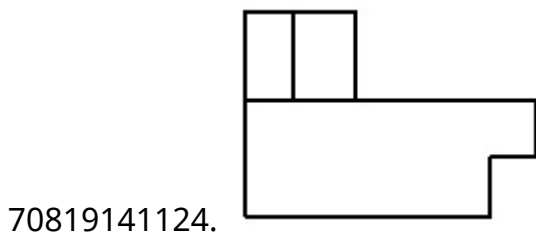
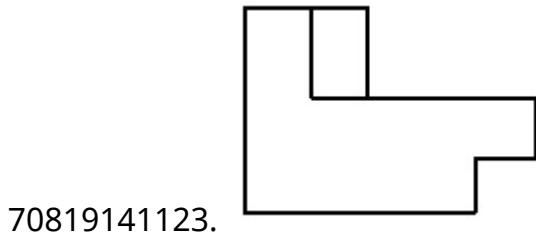
**Is Question Mandatory : No**

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

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**

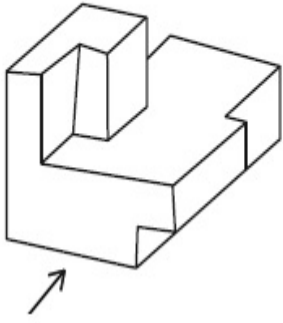


**Question Number : 69 Question Id : 70819112545 Question Type : MCQ Option Shuffling : Yes**

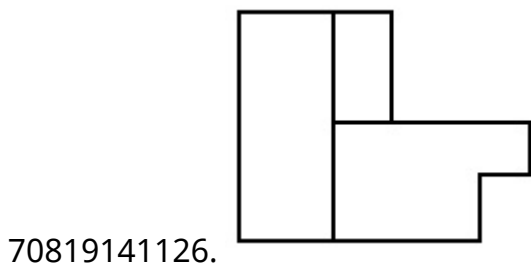
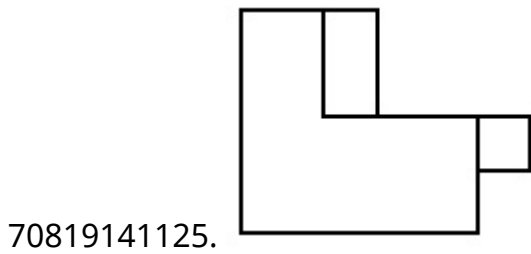
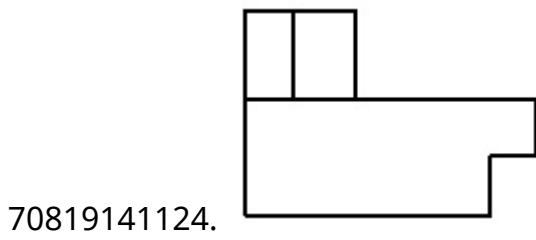
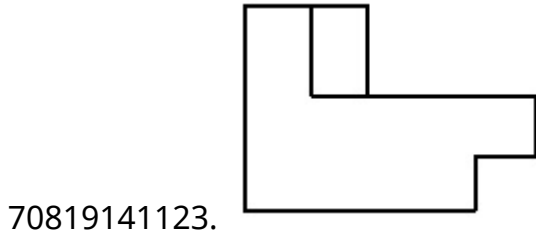
**Is Question Mandatory : No**

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

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।

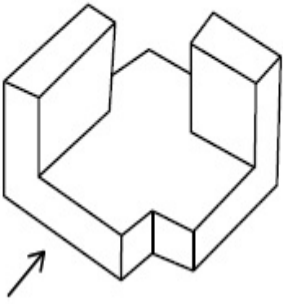


**Options :**

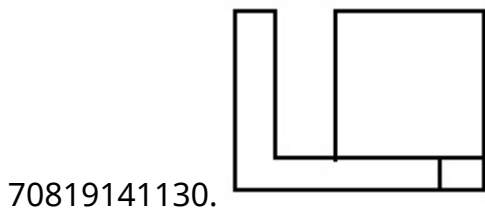
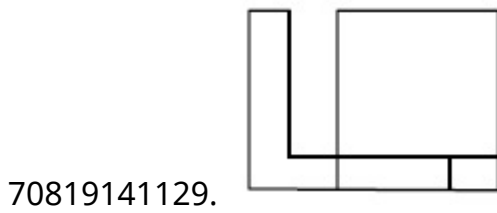
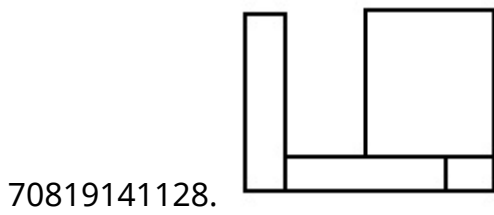
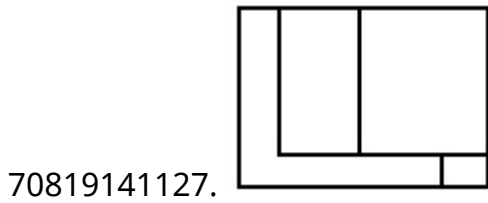


**Correct Marks : 4 Wrong Marks : 1**

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**



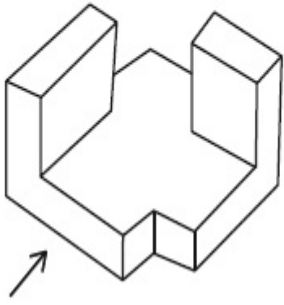
**Question Number : 70 Question Id : 70819112546 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

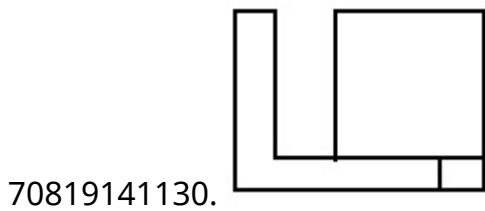
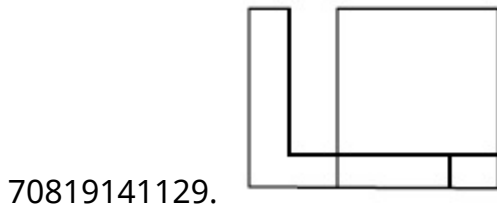
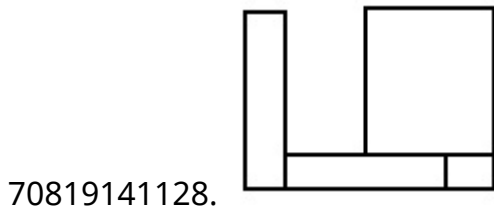
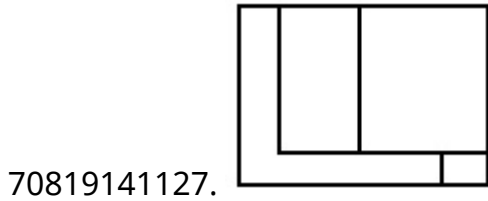
**Correct Marks : 4 Wrong Marks : 1**



3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।



**Options :**

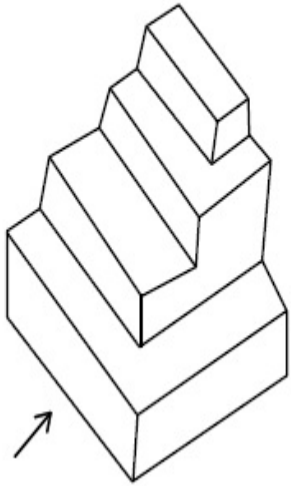


**Question Number : 71 Question Id : 70819112547 Question Type : MCQ Option Shuffling : Yes**

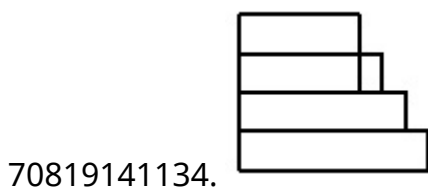
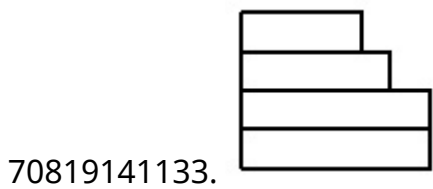
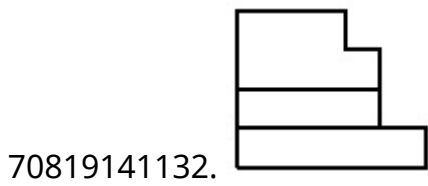
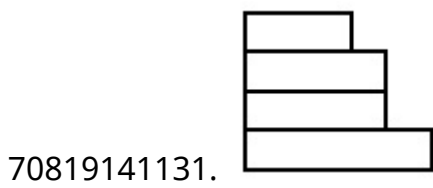
**Is Question Mandatory : No**

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

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**

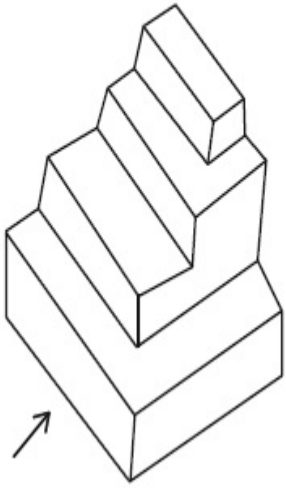


**Question Number : 71 Question Id : 70819112547 Question Type : MCQ Option Shuffling : Yes**

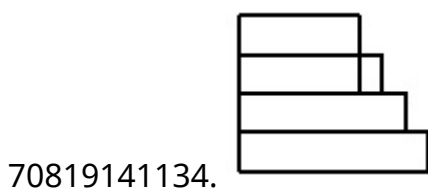
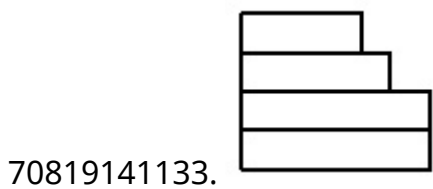
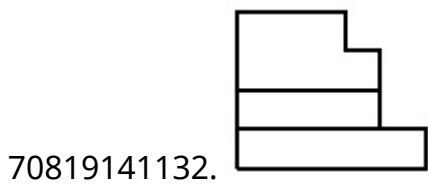
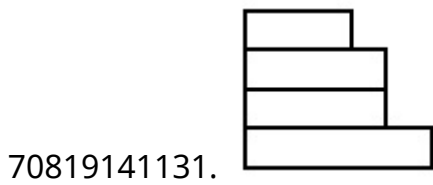
**Is Question Mandatory : No**

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

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।



**Options :**

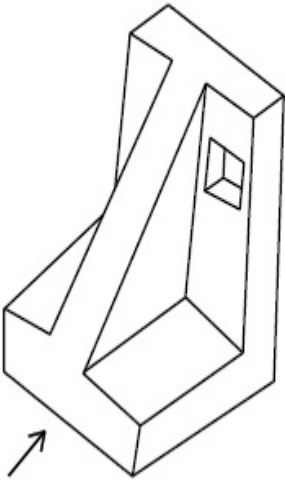


**Question Number : 72 Question Id : 70819112548 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

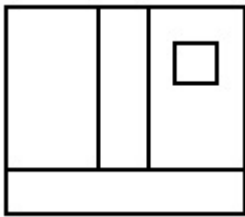
**Correct Marks : 4 Wrong Marks : 1**

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.

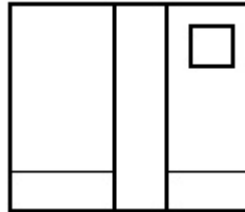


Options :

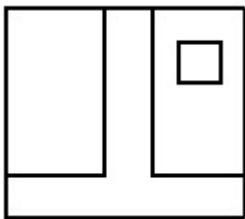
70819141135.



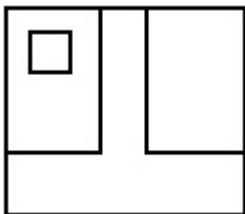
70819141136.



70819141137.



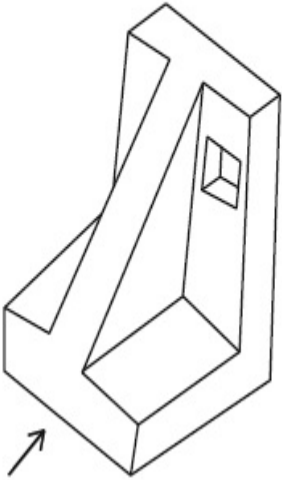
70819141138.



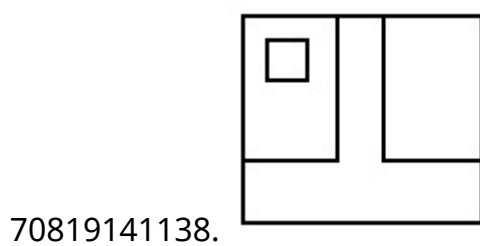
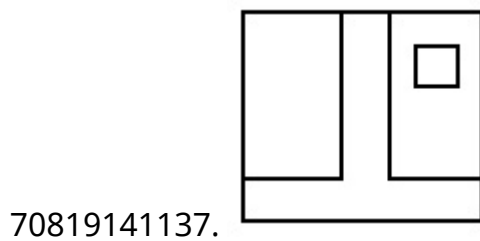
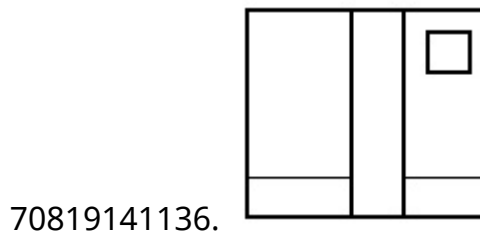
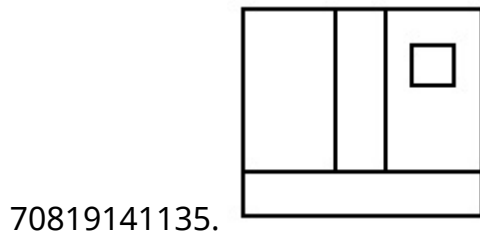
**Is Question Mandatory : No**

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

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।



**Options :**

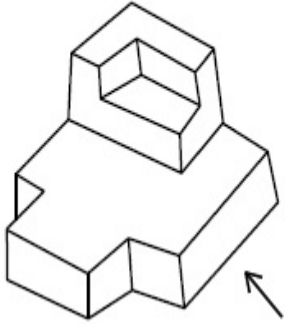


Question Number : 73 Question Id : 70819112549 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

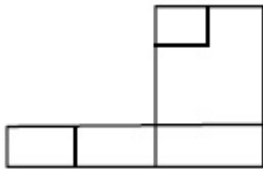
Correct Marks : 4 Wrong Marks : 1

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.

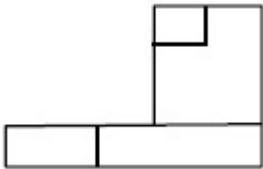


Options :

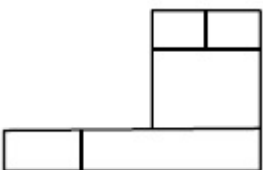
70819141139.



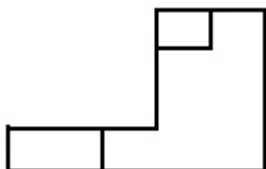
70819141140.



70819141141.



70819141142.

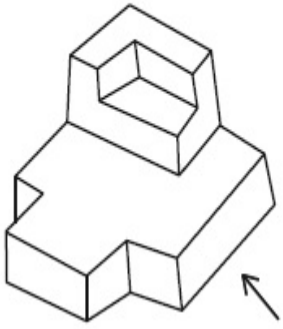


Question Number : 73 Question Id : 70819112549 Question Type : MCQ Option Shuffling : Yes

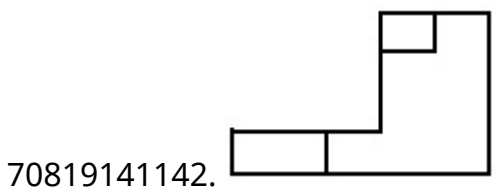
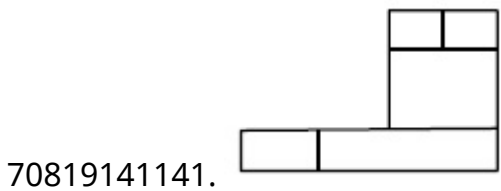
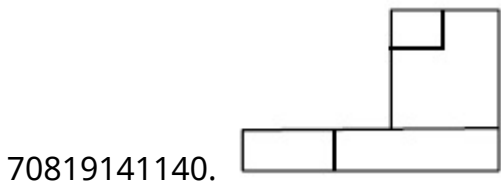
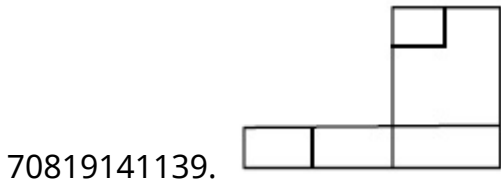
Is Question Mandatory : No

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

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇ।



**Options :**

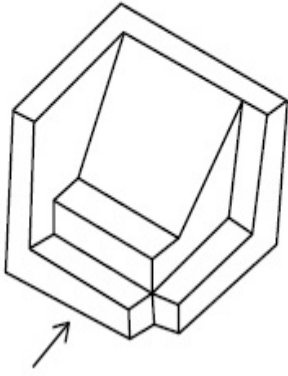


**Question Number : 74 Question Id : 70819112550 Question Type : MCQ Option Shuffling : Yes**

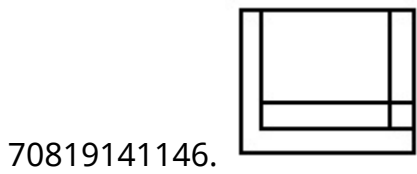
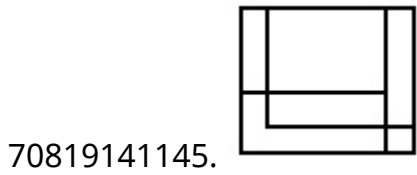
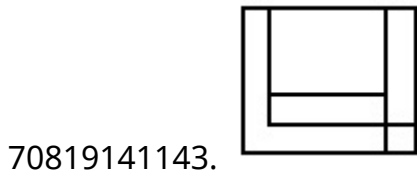
**Is Question Mandatory : No**

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

The 3D figure shows the view of an object. Identify the correct view looking in the direction of arrow, amongst the answer figures.



**Options :**



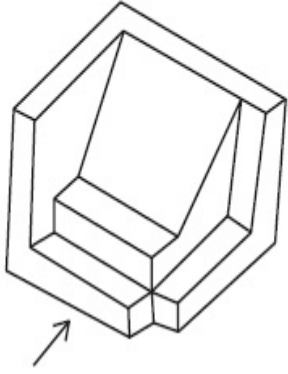
**Question Number : 74 Question Id : 70819112550 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

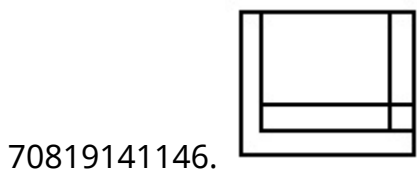
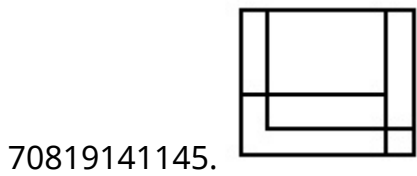
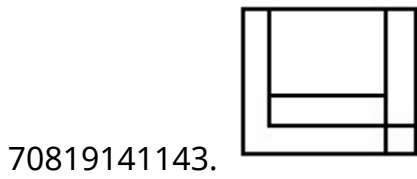
**Correct Marks : 4 Wrong Marks : 1**



3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦਾ ਸਹੀ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ।



**Options :**

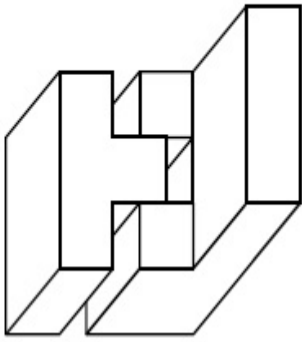


**Question Number : 75 Question Id : 70819112551 Question Type : MCQ Option Shuffling : Yes**

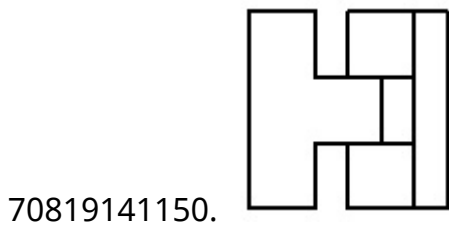
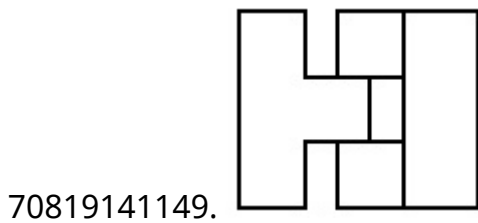
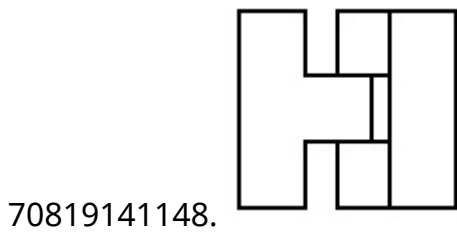
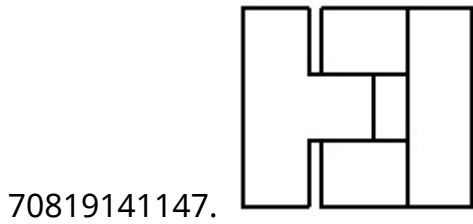
**Is Question Mandatory : No**

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

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



Options :

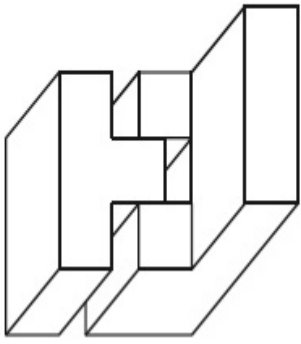


Question Number : 75 Question Id : 70819112551 Question Type : MCQ Option Shuffling : Yes

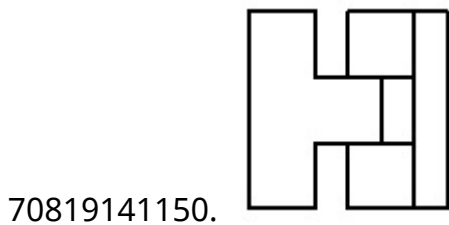
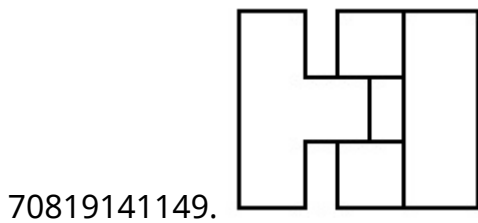
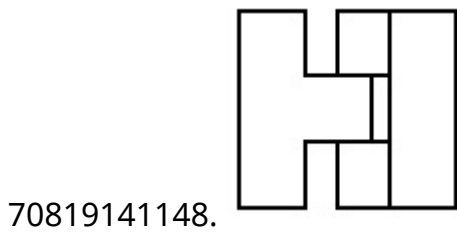
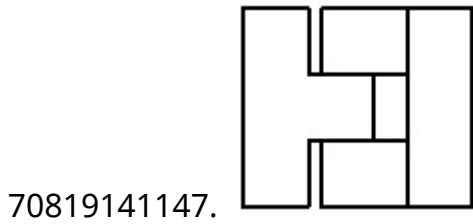
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਚੀਜ਼ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਚੀਜ਼ ਦਾ ਸਹੀ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ।



Options :

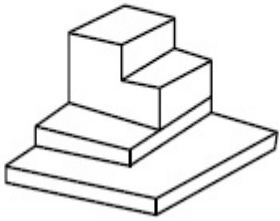


Question Number : 76 Question Id : 70819112552 Question Type : MCQ Option Shuffling : Yes

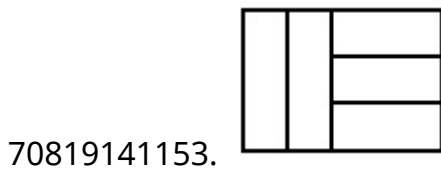
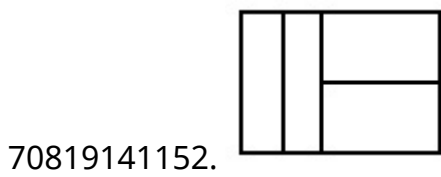
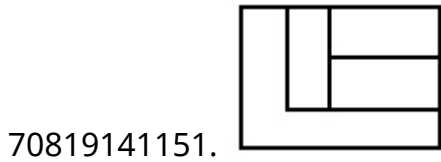
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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



Options :

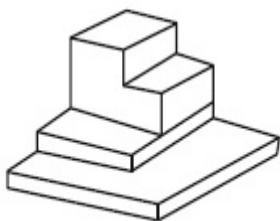


Question Number : 76 Question Id : 70819112552 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

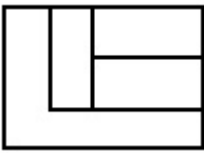
Correct Marks : 4 Wrong Marks : 1

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਚੀਜ਼ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿਚੋਂ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਚੀਜ਼ ਦਾ ਸਹੀ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ।



Options :

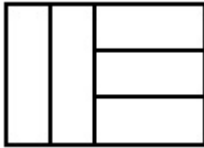
70819141151.



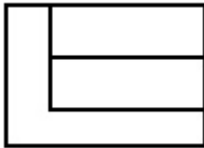
70819141152.



70819141153.



70819141154.

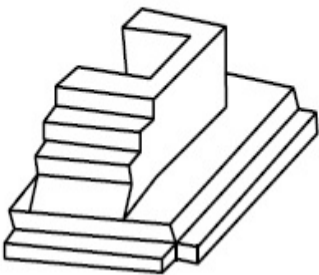


**Question Number : 77 Question Id : 70819112553 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

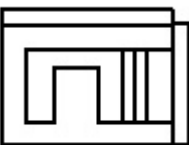
**Correct Marks : 4 Wrong Marks : 1**

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

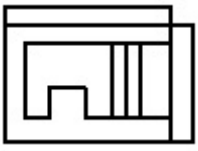


**Options :**

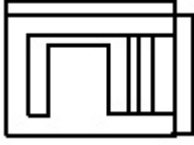
70819141155.



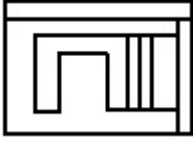
70819141156.



70819141157.



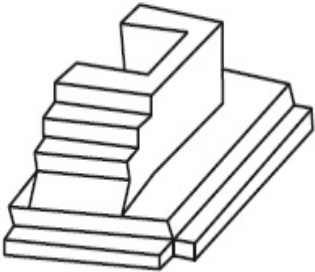
70819141158.



**Question Number : 77 Question Id : 70819112553 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

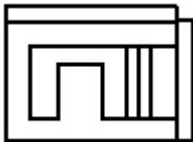
**Correct Marks : 4 Wrong Marks : 1**

3-ਡੀ ਚਿੱਤਰ ਕਿਸੇ ਚੀਜ਼ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿਚੋਂ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਚੀਜ਼ ਦਾ ਸਹੀ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ।

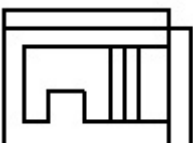


**Options :**

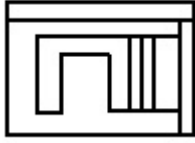
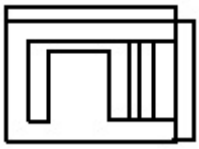
70819141155.



70819141156.



70819141157.



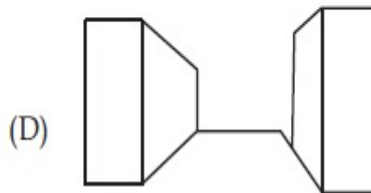
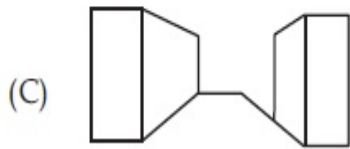
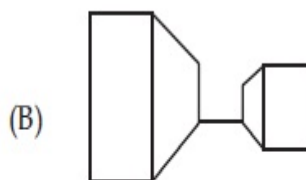
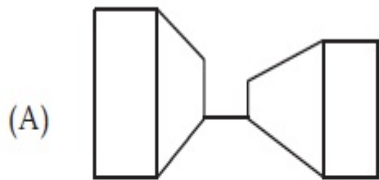
70819141158.

**Question Number : 78 Question Id : 70819112554 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Identify the building compositions of having less visual tension amongst the following figures.



**Options :**

70819141159. (A) and (B)

70819141160. (B) and (C)

70819141161. (C) and (D)

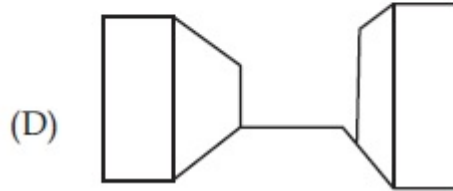
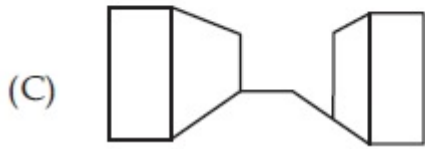
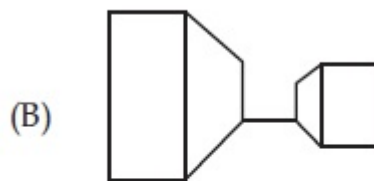
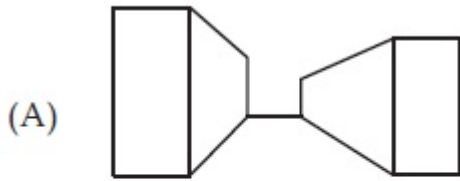
70819141162. (D) and (A)

**Question Number : 78 Question Id : 70819112554 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਪਛਾਣ ਕਰੋ, ਹੇਠ ਦਿੱਤੀ ਕਿਹੜੀ ਇਮਾਰਤੀ ਰਚਨਾਵਾਂ ਵਿੱਚੋਂ ਦੇਖਣ ਸੰਬੰਧੀ (Visual) ਘੱਟ ਤਨਾਵ ਹੈ ?



**Options :**

70819141159. (A) ਅਤੇ (B)

70819141160. (B) ਅਤੇ (C)

70819141161. (C) ਅਤੇ (D)

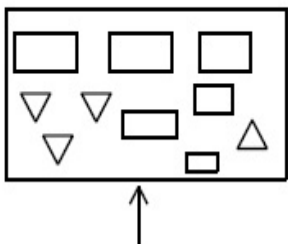
70819141162. (D) ਅਤੇ (A)

**Question Number : 79 Question Id : 70819112555 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

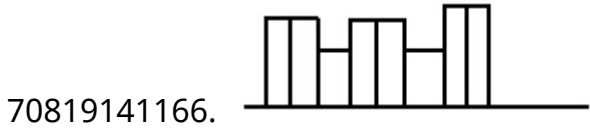
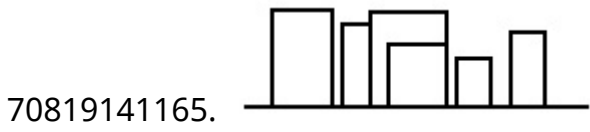
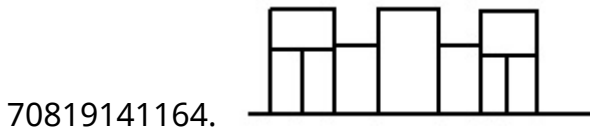
The problem figure shows the top view of an object. Identify the correct elevation amongst the answer figures looking in the direction of arrow.



**Options :**





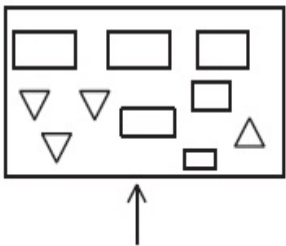


**Question Number : 79 Question Id : 70819112555 Question Type : MCQ Option Shuffling : Yes**

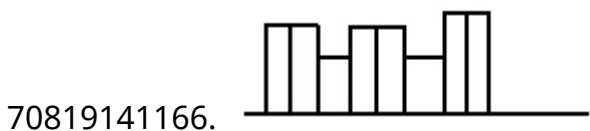
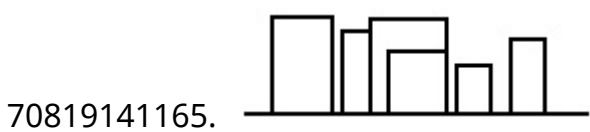
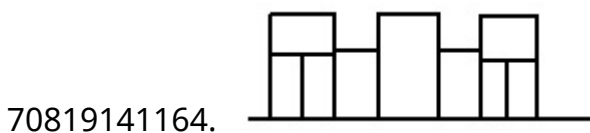
**Is Question Mandatory : No**

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

ਸਵਾਲ ਚਿੱਤਰ ਕਿਸੇ ਚੀਜ਼ ਦਾ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿੱਚੋਂ ਪਛਾਣੋ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਚੀਜ਼ ਦੇ ਸਾਹਮਣੇ ਦਾ ਦ੍ਰਿਸ਼ (ਐਲੀਵੇਸ਼ਨ ) ਦਿਖਾ ਰਿਹਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।



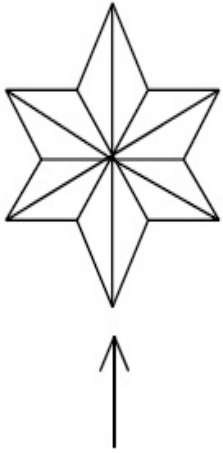
**Options :**



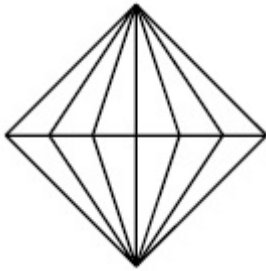
**Question Number : 80 Question Id : 70819112556 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

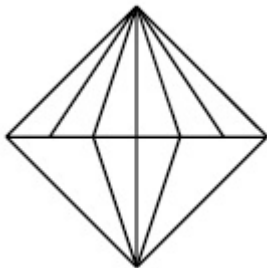
The problem figure shows the top view of an object. Identify the correct elevation amongst the answer figures looking in the direction of arrow.



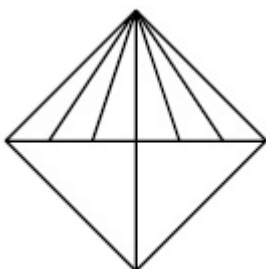
**Options :**



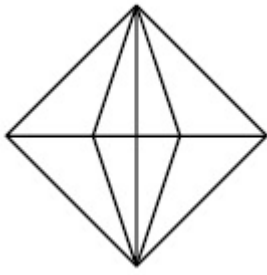
70819141167.



70819141168.



70819141169.



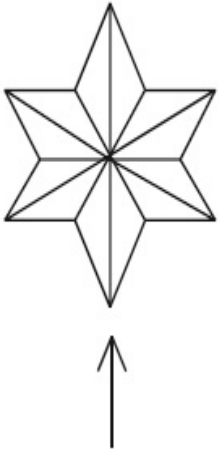
70819141170.

**Question Number : 80 Question Id : 70819112556 Question Type : MCQ Option Shuffling : Yes**

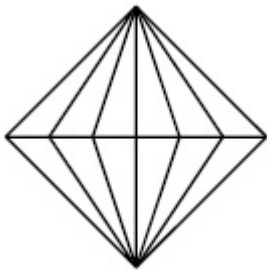
**Is Question Mandatory : No**

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

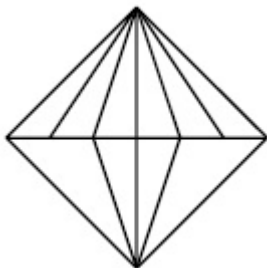
ਸਵਾਲ ਚਿੱਤਰ ਕਿਸੇ ਵਸਤੂ ਦਾ ਚੋਟੀ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾ ਰਿਹਾ ਹੈ । ਇੰਨਾਂ ਵਿੱਚੋਂ ਪਛਾਣੋ ਕਿਹੜਾ ਜਵਾਬ ਚਿੱਤਰ, ਇਸ ਵਸਤੂ ਦੇ ਸਾਹਮਣੇ ਦਾ ਦ੍ਰਿਸ਼ (ਐਲੀਵੇਸ਼ਨ ) ਦਿਖਾਉਂਦਾ ਹੈ, ਜੇ ਉਸਨੂੰ ਤੀਰ ਦੀ ਦਿਸ਼ਾ ਵੱਲੋਂ ਦੇਖਿਆ ਜਾਵੇਗਾ ।



**Options :**

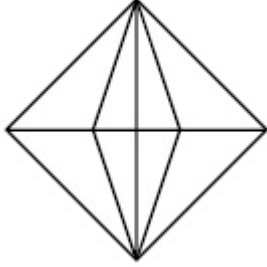
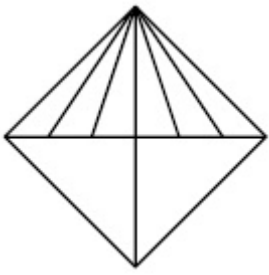


70819141167.



70819141168.

70819141169.



70819141170.

## Planning

<b>Section Id :</b>	708191432
<b>Section Number :</b>	4
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	25
<b>Number of Questions to be attempted :</b>	25
<b>Section Marks :</b>	100
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	708191712
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 81 Question Id : 70819112557 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which of these industries did not exist in London before the first world war ?

**Options :**

70819141171. Automobile

70819141172. Clothing and Textile

70819141173. Printing

70819141174. Iron and Steel

**Question Number : 81 Question Id : 70819112557 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਪਹਿਲੇ ਵਿਸ਼ਵ ਯੁਧ ਤੋਂ ਪਹਿਲਾਂ ਲੰਡਨ ਵਿੱਚ ਕਿਹੜੇ ਕਾਰਖਾਨੇ ਨਹੀਂ ਸਨ ?

**Options :**

70819141171. ਮੋਟਰ ਗੱਡੀ

70819141172. ਕਪੜੇ ਦਿਆਂ ਮਿਲਾਂ

70819141173. ਛਾਪਾਖਾਨਾ

70819141174. ਲੋਹੇਂ ਅਤੇ ਸਟੀਲ

**Question Number : 82 Question Id : 70819112558 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

A carbon footprint is the amount of \_\_\_\_\_ released into the atmosphere.

**Options :**

70819141175. Nitrogen

70819141176. Greenhouse gas

70819141177. Ozone

70819141178. Suspended Particulate Matter (SPM)

**Question Number : 82 Question Id : 70819112558 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਕਾਰਬਨ ਦੇ ਪਦ ਚਿਨ੍ਹਾਂ \_\_\_\_\_ ਮਾਤਰਾ ਵਿੱਚ (ਵਾਯੂ ਮੰਡਲ) ਛੱਡੀਆਂ ਜਾਣ ਵਾਲੇ ।

**Options :**

70819141175. ਨਾਈਟ੍ਰੋਜਨ

70819141176. ਗਰੀਨ ਹਾਊਸ ਗੈਸਾਂ

70819141177. ਔਜ਼ੋਨ

70819141178. ਹਵਾ ਵਿੱਚ ਲਟਕਦੇ ਕਣ (SPM)

**Question Number : 83 Question Id : 70819112559 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

- A. KodaiKanal
- B. Kullu
- C. Mount Abu
- D. Panchgani
- E. Pahalgam

Arrange the above hill stations in the correct sequence from south to north in India.

Choose the correct answer from the options given below :

**Options :**

70819141179.  $E \rightarrow D \rightarrow B \rightarrow A \rightarrow C$

70819141180.  $E \rightarrow B \rightarrow C \rightarrow D \rightarrow A$

70819141181.  $C \rightarrow A \rightarrow B \rightarrow D \rightarrow E$

70819141182.  $A \rightarrow D \rightarrow C \rightarrow B \rightarrow E$

**Question Number : 83 Question Id : 70819112559 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠ ਲਿਖੇ ਪਹਾੜੀ ਸਹਿਰਾਂ ਨੂੰ ਸਹੀ ਤਰਤੀਬ ਵਿੱਚ ਦੱਖਣ ਤੋਂ ਉੱਤਰ ਵੱਲ ਲਗਾਉ

- A. ਕੋਡੀਕਨਾਲ
- B. ਕੁੱਲੂ
- C. ਮਾਊਂਟ ਆਬੂ
- D. ਪੰਚਗਣੀ
- E. ਪਹਿਲਗਾਮ

ਹੇਠ ਲਿਖਿਆ ਚੌਂ ਢੁੱਕਵਾਂ ਉੱਤਰ ਚੁਣੋ ।

**Options :**

70819141179.  $E \rightarrow D \rightarrow B \rightarrow A \rightarrow C$

70819141180.  $E \rightarrow B \rightarrow C \rightarrow D \rightarrow A$

70819141181.  $C \rightarrow A \rightarrow B \rightarrow D \rightarrow E$

70819141182.  $A \rightarrow D \rightarrow C \rightarrow B \rightarrow E$

**Question Number : 84 Question Id : 70819112560 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Planning Commission in India has been replaced by :

**Options :**

70819141183. Mo HUA

70819141184. NITI Aayog

70819141185. NIUA

70819141186. PFI

**Question Number : 84 Question Id : 70819112560 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਯੋਜਨਾ ਆਯੋਗ ਦੀ ਥਾਂ ਤੇ ਭਾਰਤ ਵਿੱਚ ਬਦਲ ਕੇ :

**Options :**

70819141183. Mo HUA

70819141184. ਨੀਤੀ ਆਯੋਗ (NITI Aayog)

70819141185. NIUA

70819141186. PFI

**Question Number : 85 Question Id : 70819112561 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

When was the special Economic Zone's Act enacted in India ?

**Options :**



70819141187. 2005

70819141188. 2007

70819141189. 2009

70819141190. 2011

**Question Number : 85 Question Id : 70819112561 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਵਿਸ਼ੇਸ਼ ਆਰਥਿਕ ਖੇਤਰ ਦਾ ਕਾਨੂੰਨ ਭਾਰਤ ਵਿੱਚ ਕਿਸ ਸਾਲ ਵਿੱਚ ਲਾਗੂ ਹੋਇਆ ?

**Options :**

70819141187. 2005

70819141188. 2007

70819141189. 2009

70819141190. 2011

**Question Number : 86 Question Id : 70819112562 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

What is the full form of NHAI ? Choose the correct answer.

**Options :**

70819141191. National Horticulture Association of India.

70819141192. National Heritage Authority of India.

70819141193. National Hydroelectric Power Authority of India.

70819141194. National Highway Authority of India.

**Question Number : 86 Question Id : 70819112562 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

NHAI ਦੀ ਪੂਰਾ ਨਾਂਅ ਕੀ ਹੈ ਸਹੀ ਉੱਤਰ ਦੀ ਚੋਣ ਕਰੋ

**Options :**

70819141191. National Horticulture Association of India.

70819141192. National Heritage Authority of India.

70819141193. National Hydroelectric Power Authority of India.

70819141194. National Highway Authority of India.

**Question Number : 87 Question Id : 70819112563 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

How many Sustainable Development Goals were adopted by the United Nations ?

**Options :**

70819141195. 15

70819141196. 16

70819141197. 17

70819141198. 18

**Question Number : 87 Question Id : 70819112563 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਯੂਨਾਈਟਿਡ ਨੇਸ਼ਨ (United Nations) ਨੇ ਵਿਕਾਸ ਦੇ ਕਿਨ੍ਹੇ ਟਿਚੇ ਮਿੱਥੇ ਹਨ ?

**Options :**

70819141195. 15

70819141196. 16

70819141197. 17

70819141198. 18

**Question Number : 88 Question Id : 70819112564 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

In which year, the first industrial policy by Government of India was announced ?

**Options :**

70819141199. 1947

70819141200. 1948

70819141201. 1950

70819141202. 1949

**Question Number : 88 Question Id : 70819112564 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਭਾਰਤ ਸਰਕਾਰ ਵਲੋਂ ਕਿਹੜੇ ਸਾਲ ਵਿੱਚ ਪਹਿਲੀ ਉੱਧੋਗਾਇਕ ਨੀਤੀ ਐਲਾਣੀ ਗਈ ?

**Options :**

70819141199. 1947

70819141200. 1948

70819141201. 1950

70819141202. 1949

**Question Number : 89 Question Id : 70819112565 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Planning of Barcelona city in Spain is known for its :

**Options :**

70819141203. superblocks

70819141204. radial pattern

70819141205. high rise development

70819141206. waterbased transport

**Question Number : 89 Question Id : 70819112565 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਸਪੇਨ ਦੀ ਬਾਰਸੀਲੋਨਾ ਸ਼ਹਿਰ ਦੀ ਯੋਜਨਾ ਇਸਦੀ \_\_\_\_\_ ਜਾਣਿਆ ਜਾਂਦਾ ਹੈ ।

**Options :**

70819141203. ਵੱਡਾ ਝੁੰਡ

70819141204. ਅਰਧ ਵਿਆਸੀ ਤਰੀਕਾ/ਨਮੂਨਾ

70819141205. ਬਹੁਤ ਉੱਚੀ ਤੱਰਕੀ

70819141206. ਪਾਣੀ ਆਧਾਰਿਤ ਪਰਿਵਹਿਨ

**Question Number : 90 Question Id : 70819112566 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which of these is not an industrial city ?

**Options :**

70819141207. Durgapur

70819141208. Vishakhapatnam

70819141209. Bhubaneswar

70819141210. Bhilai

**Question Number : 90 Question Id : 70819112566 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਇਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕਿਹੜੀ ਇੱਕ ਉਦਯੋਗਿਕ ਨਗਰੀ ਨਹੀਂ ਹੈ ?

**Options :**

70819141207. ਦੁਰਗਾਪੁਰ

70819141208. ਵਿਸਾਖਾਪਟਨਮ

70819141209. ਭੁਵਨੇਸ਼ਵਰ

70819141210. ਭਿਲਾਈ

**Question Number : 91 Question Id : 70819112567 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which of these schemes / programmes by Government of India is linked to heritage cities ?

**Options :**

70819141211. AMRUT

70819141212. Make in India

70819141213. HRIDAY

70819141214. UDAY

**Question Number : 91 Question Id : 70819112567 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਭਾਰਤ ਸਰਕਾਰ ਦਿਆਂ ਕਿਹੜੇ/ਕਿਹੜੀਆਂ ਸਕੀਮਾਂ/ਪ੍ਰੋਗ੍ਰਾਮ ਵਿਗਾਸਤੀ ਸ਼ਹਿਰਾਂ ਨਾਲ ਜੁੜੇ ਹੋਏ ਹਨ ?

**Options :**

70819141211. AMRUT

70819141212. Make in India

70819141213. HRIDAY

70819141214. UDAY

**Question Number : 92 Question Id : 70819112568 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Which one of the following south Indian states has the highest ground water utilization (in percent) of its total groundwater potential ?

**Options :**

70819141215. Tamil Nadu

70819141216. Karnataka

70819141217. Andhra Pradesh

70819141218. Kerala

**Question Number : 92 Question Id : 70819112568 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਕਿਹੜੇ ਦੱਖਣੀ ਭਾਰਤ ਰਾਜ ਵਿੱਚ ਪਾਣੀ ਦੀ ਵਰਤੋਂ (%ਵਿੱਚ) ਇਸਦੀ ਛਮਤਾ ਦੇ ਮੁਕਾਬਲੇ ਸਥ ਤੋਂ ਵੱਧ ਹੈ ?

**Options :**

70819141215. ਤਾਮਿਲਨਾਡੂ

70819141216. ਕਰਨਾਟਕਾ

70819141217. ਆਂਧਰਾ ਪ੍ਰਦੇਸ਼

70819141218. ਕੇਰਲਾ

**Question Number : 93 Question Id : 70819112569 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

Survey of India was established in :

**Options :**

70819141219. 1886

70819141220. 1876

70819141221. 1866

70819141222. 1896

**Question Number : 93 Question Id : 70819112569 Question Type : MCQ Option Shuffling : Yes  
Is Question Mandatory : No**

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

ਭਾਰਤੀਅ ਸਰਵੇਖਣ ਕਿਹੜੇ ਸਾਲ ਵਿੱਚ ਸਥਾਪਿਤ ਹੋਇਆ ?

**Options :**

70819141219. 1886

70819141220. 1876

70819141221. 1866

70819141222. 1896



**Question Number : 94 Question Id : 70819112570 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

As per 73<sup>rd</sup> amendment act (73<sup>rd</sup> CAA) 1992 first time one third (1/3) reservation for women was provided in which of the following ?

**Options :**

70819141223. Lok Sabha

70819141224. State Legislative Assembly

70819141225. Cabinets

70819141226. Panchayati Raj bodies

**Question Number : 94 Question Id : 70819112570 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

73 ਵੇਂ ਸੁਧਾਰ ਐਕਟ (Amendment Act) (73<sup>rd</sup> CAA) ਮੁਤਾਬਿਕ 1992 ਵਿੱਚ ਪਹਿਲੀ ਬਾਰ ਕਿਹੜੀ ਸੰਸਥਾ ਵਿੱਚ ਮਹਿਲਾਵਾਂ ਲਈ ਤੀਜਾ ਹਿੱਸਾ (1/3) ਸੀਟਾਂ ਦਾ ਰਾਖਵਾਂਕਰਣ ਕੀਤਾ ਗਿਆ ਹੈ ?

**Options :**

70819141223. ਲੋਕ ਸਭਾ

70819141224. ਰਾਜ ਦੇ ਉਪਰਲੇ ਸਦਨ ਵਿੱਚ

70819141225. ਕੈਬਨਿਟ

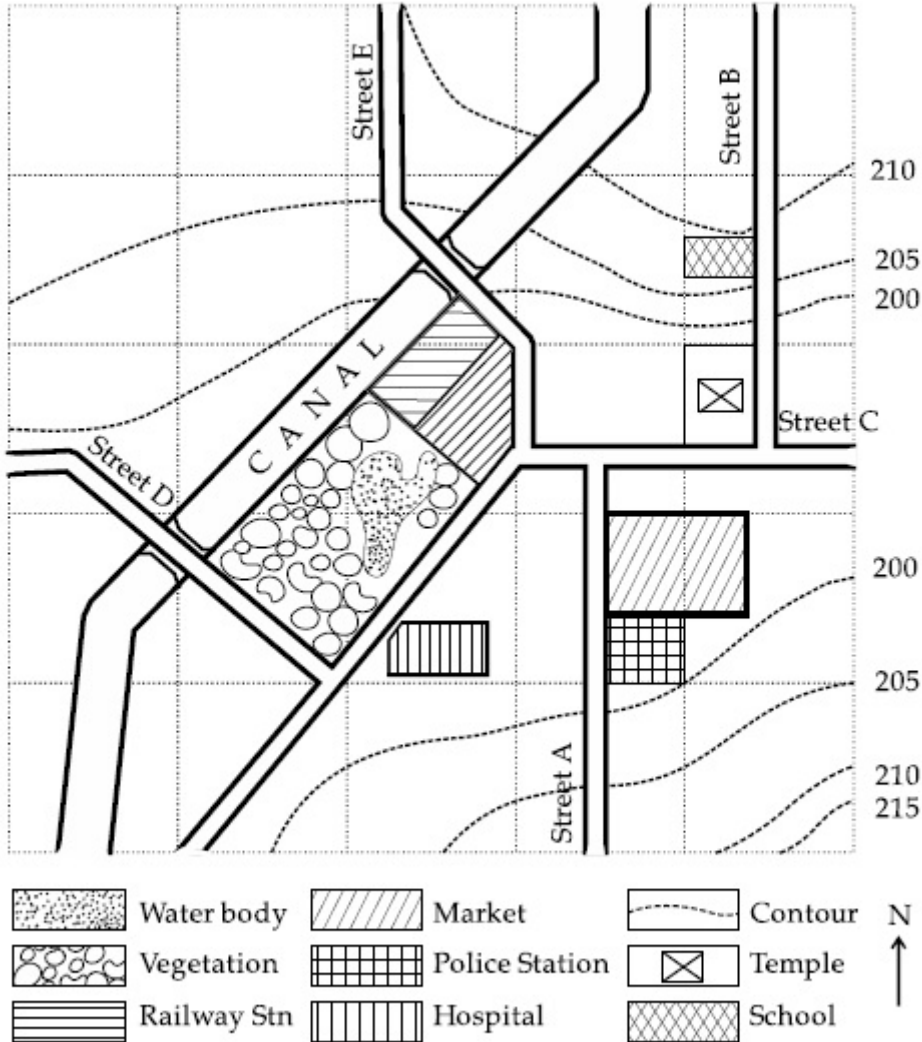
70819141226. ਪੰਚਾਇਤੀ ਰਾਜ ਸੰਸਥਾਵਾਂ

Question Number : 95 Question Id : 70819112571 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Map Reading.



With reference to the diagram, choose the correct statement.

Options :

70819141227. Slope of land on which school is located is flatter than the slope of land on which hospital is located.

70819141228. Slope of land on which police station is located is steeper than the slope of land on which school is located.

70819141229. Slope of land on which school is located is steeper than the slope of land on which temple is located.

Slope of land on which school is located is the same as the slope of land on which temple is located.

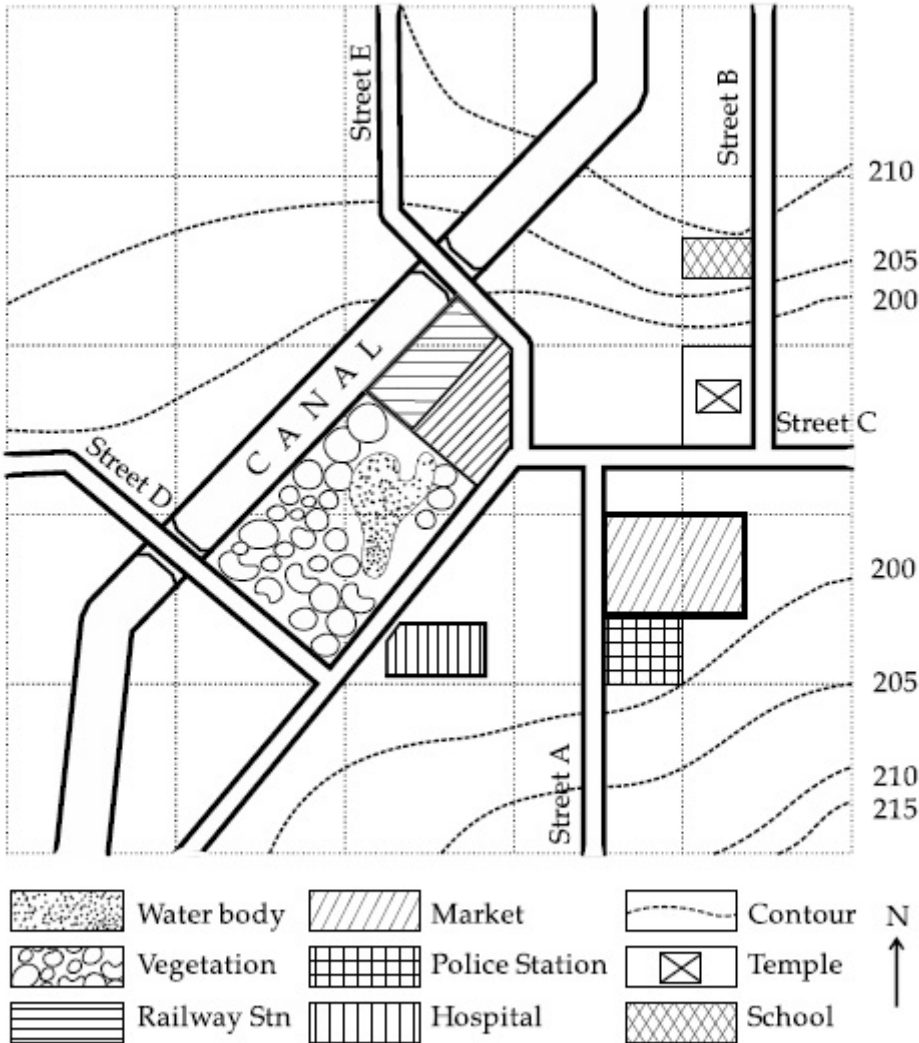
70819141230.

Question Number : 95 Question Id : 70819112571 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

### Map Reading



ਉੱਪਰ ਦਿਤੇ ਚਿੱਤਰ ਨੂੰ ਦੇਖ ਸਹੀ ਉੱਤਰ ਦੀ ਚੋਣ ਕਰੋ -

Options :

70819141227. ਸਕੂਲ ਦੀ ਜਗ੍ਹਾ ਦੀ ਢਾਲ ਜ਼ਿਆਦਾ ਸਿੱਧੀ ਹੈ, ਜਿਸ ਜਗ੍ਹਾ ਵਿੱਚ ਹਸਪਤਾਲ ਸਥਿਤ ਹੈ।

70819141228. ਪੁਲਿਸ ਥਾਨਾ ਦੀ ਜਗ੍ਹਾ ਠਾਲੋਂ ਜ਼ਿਆਦਾ ਉੱਚੀ ਹੈ ਜਿਥੇ ਸਕੂਲ ਸਥਿਤ ਹੈ।

70819141229. ਸਕੂਲ ਦੀ ਜਗ੍ਹਾ ਜ਼ਿਆਦਾ ਉੱਚੀ ਹੈ ਜਿਥੇ ਮੰਦਰ ਸਥਿਤ ਹੈ।

ਸਕੂਲ ਅਤੇ ਮੰਦਰ ਦੋਨੋਂ ਇਕ ਢਲਾਣ ਤੇ ਸਥਿਤ ਹਨ।

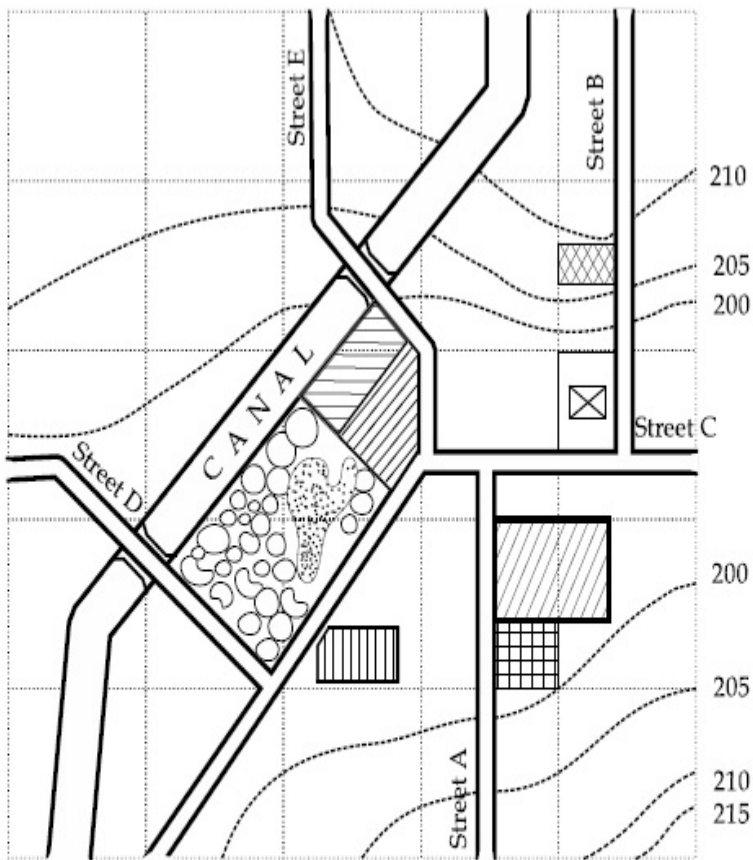
70819141230.

Question Number : 96 Question Id : 70819112572 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Map Reading.



In the given diagram, for a person to travel from railway station to temple, one will have to move in \_\_\_\_\_ direction.

Options :

70819141231. North

70819141232. North - East



70819141233. South - West

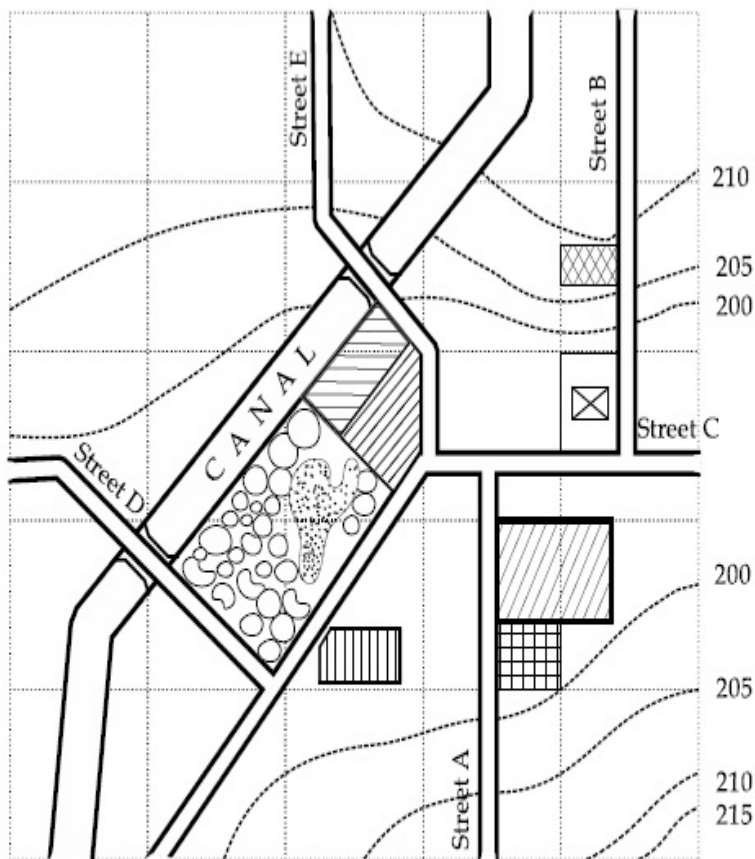
70819141234. East

Question Number : 96 Question Id : 70819112572 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Map Reading



ਉਪਰ ਵਾਲੇ ਚਿੱਤਰ ਅਨੁਸਾਰ ਕਿਸੇ ਆਦਮੀ ਨੂੰ ਰੇਲਵੇ ਸਟੇਸ਼ਨ ਤੋਂ ਮੰਦਰ ਵੱਲ ਜਾਣ ਲਈ ਕਿਹੜੀ ਦਿਸ਼ਾ ਵਿੱਚ ਜਾਣਾ ਪਵੇਗਾ ?

Options :

70819141231. ਉੱਤਰ

70819141232. ਉੱਤਰ-ਪੂਰਬ

70819141233. ਦੱਖਣ-ਪੱਛਮ

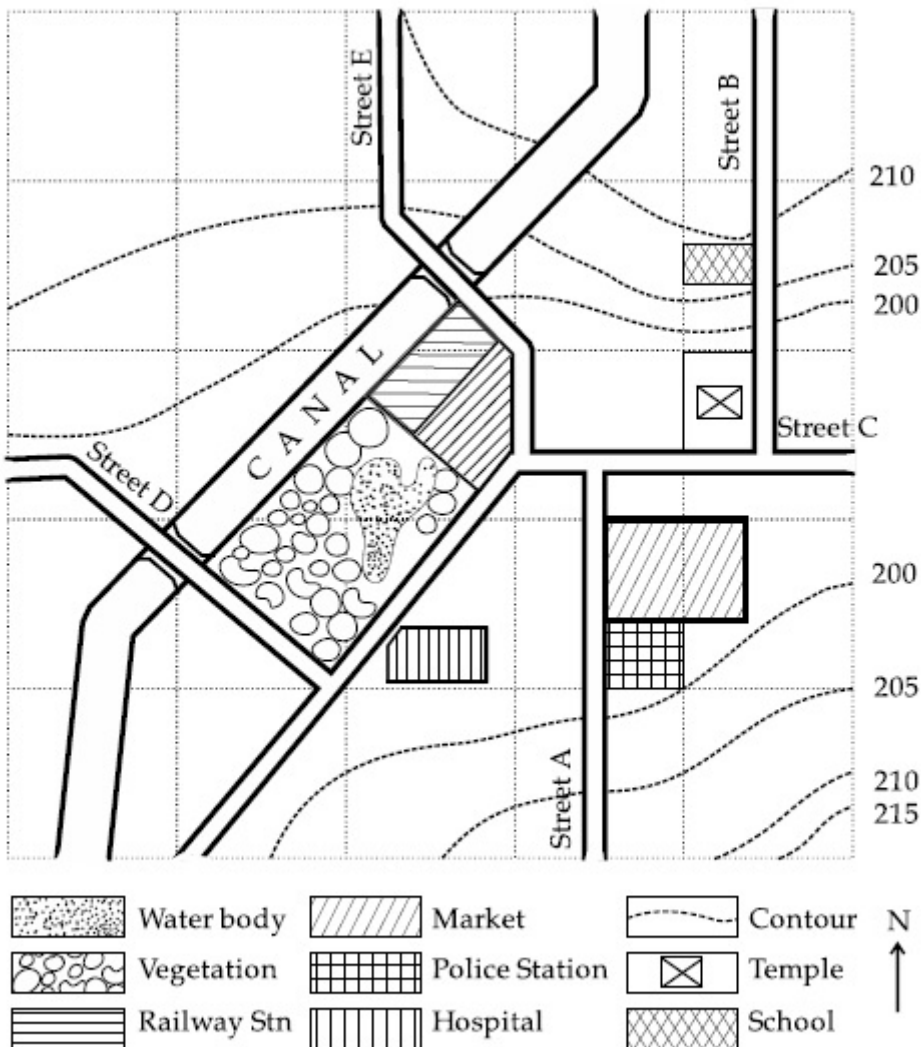
70819141234. ਪੂਰਬ

Question Number : 97 Question Id : 70819112573 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Map Reading.



In the given diagram, water body is located at a level :

Options :

70819141235. 5 m higher than police station.

70819141236. 5 m higher than school.

70819141237. same level as police station.

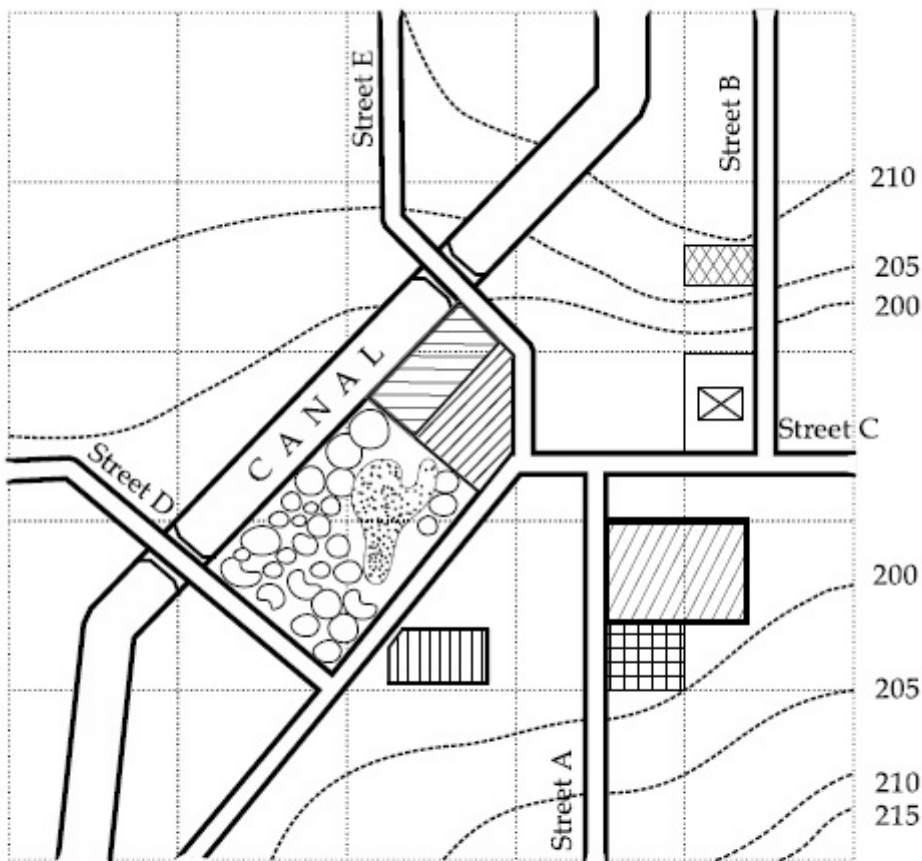
70819141238. same level as school.

Question Number : 97 Question Id : 70819112573 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

### Map Reading



ਉਪਰ ਵਾਲੇ ਚਿੱਤਰ ਅਨੁਸਾਰ ਪਾਣੀ ਵਾਲੀ ਥਾਂ ਕਿਹੜੀ ਉਚਾਈ ਤੇ ਸਥਿਤ ਹੈ ?

Options :

70819141235. ਪੁਲਿਸ ਸਟੇਸ਼ਨ ਤੋਂ 5 m ਉੱਚਾ

70819141236. ਸਕੂਲ ਤੋਂ 5 m ਉੱਚਾ

70819141237. ਪੁਲਿਸ ਸਟੇਸ਼ਨ ਦੇ ਬਰਾਬਰ

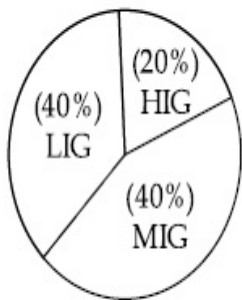
70819141238. ਸਕੂਲ ਦੇ ਬਰਾਬਰ

**Question Number : 98 Question Id : 70819112574 Question Type : MCQ Option Shuffling : Yes**

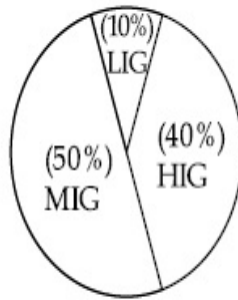
**Is Question Mandatory : No**

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

The following pie-charts show the distribution of students enrolled in higher secondary and in college education, with respect to the household income of their families.



Higher Secondary Education



College Education

The ratio between the number of students from LIG household category studying at higher secondary to those in college is :

**Options :**

70819141239. 4 : 1

70819141240. 1 : 5

70819141241. 6 : 1

70819141242. 1 : 4

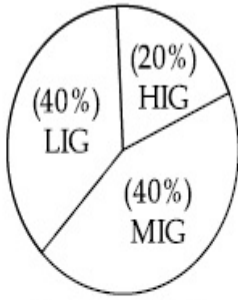
**Question Number : 98 Question Id : 70819112574 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

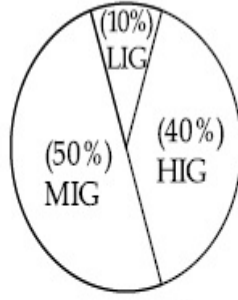


**Correct Marks : 4 Wrong Marks : 1**

ਹੇਠ ਦਿੱਤੇ ਚੱਕਰ ਗ੍ਰਾਫ ਵਿੱਚ ਹਾਇਰ ਸੈਕੰਡਰੀ ਅਤੇ ਕਾਲਜ ਵਿੱਚ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਦਰਜ ਕਰਾਉਣ ਦਾ ਤੇ ਉਨ੍ਹਾਂ ਘਰੇਲੂ ਆਮਦਨੀ ਦਾ ਆਲੇਖ ਹੈ।



ਹਾਇਰ ਸੈਕੰਡਰੀ ਸਿਖਿਆ



ਕਾਲਜ ਸਿਖਿਆ

LIG : ਘੱਟ ਆਮਦਨੀ ਗੁੱਰਪ

MIG : ਮੱਧਮ ਆਮਦਨੀ ਗੁੱਰਪ

HIG : ਉੱਚ ਆਮਦਨੀ ਗੁੱਰਪ

ਘੱਟ ਆਮਦਨੀ ਗੁੱਰਪ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਅਨੁਪਾਤ ਜਿਹੜੇ ਹਾਇਰ ਸੈਕੰਡਰੀ ਸਿਖਿਆ ਅਤੇ ਕਾਲਜ ਸਿਖਿਆ ਦਰਜ ਕੀਤੇ ਜਾਂਦੇ ਹਨ ?

**Options :**

70819141239. 4 : 1

70819141240. 1 : 5

70819141241. 6 : 1

70819141242. 1 : 4

**Question Number : 99 Question Id : 70819112575 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

The surface area of earth is 510 million km<sup>2</sup>. The land area is thirty percent of total surface. Urban land is three percent of total land surface. World population is 7.8 billion and fifty five percent is urban population. Find the closest correct answer.

**Options :**

70819141243. The density of population in urban area is 1000 persons/sq.km.

70819141244. The density of population in urban area is 849 persons/sq.km.

70819141245. The density of population in urban area is 4290 persons/sq.km.

70819141246. The density of population in urban area is 7800 persons/sq.km.

**Question Number : 99 Question Id : 70819112575 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਧਰਤੀ ਦਾ ਕੁਲ ਜਮੀਨੀ ਖੇਤਰਫਲ 510 ਵਰਗ ਕਿ.ਮੀ. ਹੈ ਅਤੇ ਜਮੀਨੀ ਖੇਤਰਫਲ, ਕੁਲ ਖੇਤਰਫਲ ਦਾ 30% ਹੈ। ਸ਼ਹਿਰੀ ਜਮੀਨ ਕੁਲ ਜਮੀਨੀ ਖੇਤਰਫਲ ਦੀ 3% ਹੈ। ਦੁਨਿਆ ਦੀ ਕੁੱਲ ਜਨਸੰਖਿਆ 7.8 ਬਿਲਿਅਨ ਹੈ, ਜਿਸ ਵਿੱਚੋਂ 55% ਲੋਕ ਸ਼ਹਿਰੀ ਜਨਸੰਖਿਆ ਹੈ ਠੀਕ ਉੱਤਰ ਚੋਣ ਕਰੋ।

(ਨੜੇਲੇ ਉੱਤਰ ਨੂੰ ਤਰਜੀਹ ਦਿੱਤੀ ਜਾਵੇ)

**Options :**

70819141243. ਸ਼ਹਿਰੀ ਆਬਾਦੀ ਦੀ ਘਣਤਾ 1000 ਆਦਮੀ ਪ੍ਰਤੀ ਵਰਗ ਕਿ.ਮੀ. ਹੈ।

70819141244. ਸ਼ਹਿਰੀ ਆਬਾਦੀ ਦੀ ਘਣਤਾ 849 ਆਦਮੀ ਪ੍ਰਤੀ ਵਰਗ ਕਿ.ਮੀ. ਹੈ।

70819141245. ਸ਼ਹਿਰੀ ਆਬਾਦੀ ਦੀ ਘਣਤਾ 4290 ਆਦਮੀ ਪ੍ਰਤੀ ਵਰਗ ਕਿ.ਮੀ. ਹੈ।

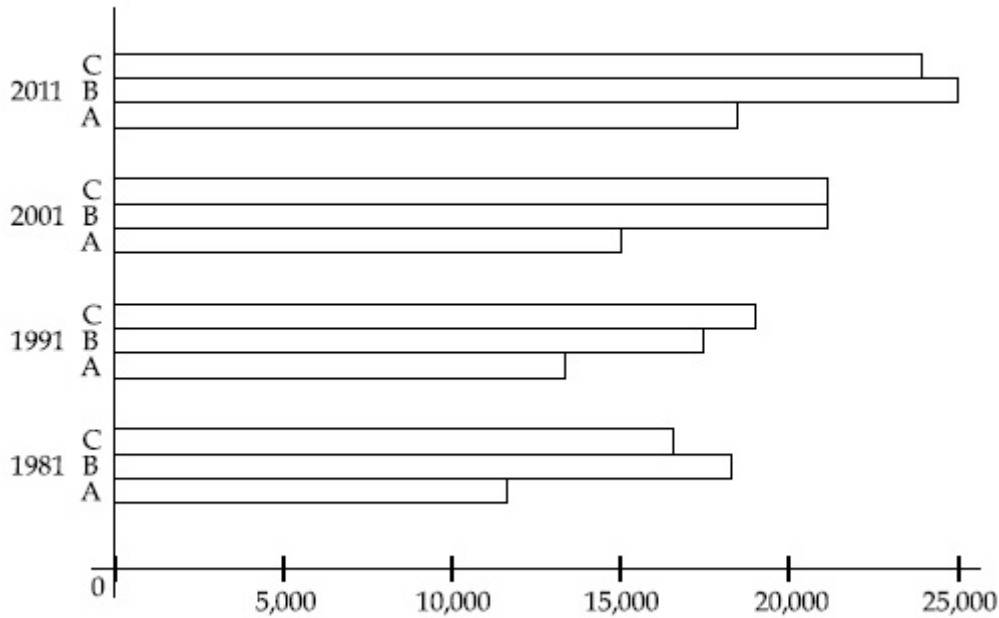
70819141246. ਸ਼ਹਿਰੀ ਆਬਾਦੀ ਦਾ ਘਣਤਾ 7800 ਆਦਮੀ ਪ੍ਰਤੀ ਵਰਗ ਕਿ.ਮੀ. ਹੈ।

**Question Number : 100 Question Id : 70819112576 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Population of city A, B and C from 1981-2011.



Choose the correct statement :

**Options :**

70819141247. City A shows the increase in population from 1981 to 2011 and city C does not show the increase likewise.

70819141248. City B shows a continuous decline in population from 1981-2011 whereas city A shows an increase.

70819141249. Population in city A is increasing in each decade from 1981 to 2001 whereas city B shows a decline from 1981 to 1991 and then it increases from 1991 to 2001.

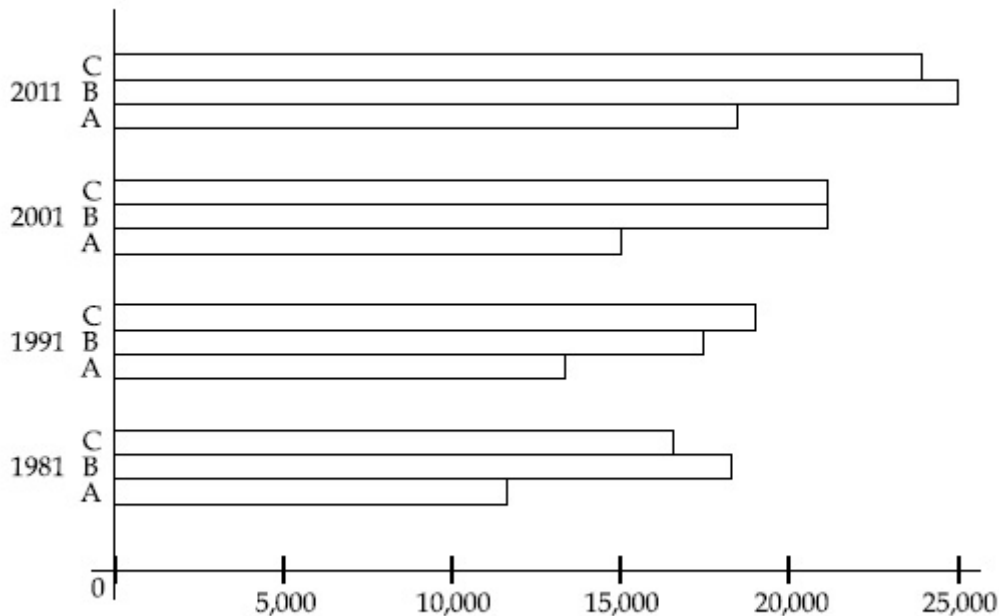
70819141250. City C shows continuous decline in population in various decades whereas city B shows increase.

**Question Number : 100 Question Id : 70819112576 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

A, B ਅਤੇ C ਸ਼ਹਿਰ ਦੀ ਜਨਸੰਖਿਆ 1981 ਤੋਂ 2011 :



ਉੱਪਰ ਦਿਤੇ ਚਿੱਤਰ ਨੂੰ ਦੇਖ ਕੇ ਸਹੀ ਕਥਨ ਦੀ ਚੋਣ ਕਰੋ -

**Options :**

70819141247. A ਸ਼ਹਿਰ ਵਿੱਚ ਜਨਸੰਖਿਆ ਦਾ ਵਾਧਾ 1981 ਤੋਂ 2011 ਹੋਇਆ ਪਰ C ਸ਼ਹਿਰ ਵਿੱਚ ਵਾਧਾ ਇਸ ਤਰ੍ਹਾਂ ਨਹੀਂ ਹੈ ।

70819141248. ਸ਼ਹਿਰ B ਵਿੱਚ ਲਗਾਤਾਰ 1981-2011 ਤਕ ਜਨਸੰਖਿਆ ਦਾ ਘਾਟਾ ਹੋਇਆ ਪਰ A ਸ਼ਹਿਰ ਵਾਧਾ ਦਿਖ ਰਿਹਾ ਹੈ ।

70819141249. ਸ਼ਹਿਰ A ਦੀ ਜਨਸੰਖਿਆ 1981 ਤੋਂ 2001 ਵਿੱਚ ਵਾਧਾ ਪਰ ਸ਼ਹਿਰ B ਦੀ ਜਨਸੰਖਿਆ 1981 ਤੋਂ 1991 ਤਕ ਘਟੀ ਪਰ ਫੇਰ 1991 ਤੋਂ 2001 ਵੱਧਦੀ ਰਹੀ ।

70819141250. ਸ਼ਹਿਰ C ਲਗਾਤਾਰ ਹਰ ਦਹਾਕੇ ਵਿੱਚ ਘੱਟਦੀ ਰਹੀ ਹੈ ਪਰ ਸ਼ਹਿਰ B ਵਿੱਚ ਵੱਧਦੀ ਰਹੀ ਹੈ ।

**Question Number : 101 Question Id : 70819112577 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

In a survey, the speeds of 100 vehicles were observed. The following table gives the distribution of vehicle speed and the corresponding number of vehicles.

Vehicle Speed ( $\text{kmhr}^{-1}$ )	No. of Vehicles
20	6
25	20
28	24
29	28
33	15
38	4
40	2
45	1

The median speed of the vehicles is :

**Options :**

70819141251.  $26 \text{ kmhr}^{-1}$

70819141252.  $21.5 \text{ kmhr}^{-1}$

70819141253.  $30 \text{ kmhr}^{-1}$

70819141254.  $28.5 \text{ kmhr}^{-1}$

**Question Number : 101 Question Id : 70819112577 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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



ਹੇਠਾ ਦਿਤੇ 100 ਸਾਧਨਾਂ ਦਾ ਵੇਗ ਅਤੇ ਸਾਧਨਾਂ ਦੀ ਗਿਣਤੀ ਦਾ ਇਕ ਸਾਰਣੀ ਦਿੱਤੀ ਹੈ ।

Vehicle Speed (kmhr <sup>-1</sup> )	No. of Vehicles
20	6
25	20
28	24
29	28
33	15
38	4
40	2
45	1

ਇਨ੍ਹਾਂ ਸਾਧਨਾਂ ਦੀ ਵੇਗ ਮਧਿਕਾ -

**Options :**

70819141251. 26 kmhr<sup>-1</sup>

70819141252. 21.5 kmhr<sup>-1</sup>

70819141253. 30 kmhr<sup>-1</sup>

70819141254. 28.5 kmhr<sup>-1</sup>

**Question Number : 102 Question Id : 70819112578 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Hundreds of Shanty towns line the river banks, train tracks, and garbage dumps in the Filipino capital. Around a quarter of its 12 million are considered 'informal settlers'. Manila is starkly representative of a global problem. According to the United Nations, about a quarter of the World's urban population lives in slums.

Slum tourism takes outsiders through their most impoverished marginalized districts. Slum tourism sparks considerable debate around an uncomfortable moral dilemma. Many consider the practice little more than slack-jawed privileged people gawking at those less fortunate. Others argue they raise awareness and provide numerous examples of giving back to the local communities.

Which of the following best justify 'Slum Tourism' in the above paragraph ?

**Options :**

70819141255. As a charity by privileged people.

70819141256. As a way to reduce crime.

70819141257. As a way to sensitize travellers about poor living conditions in the society.

70819141258. As an adventure activity.

**Question Number : 102 Question Id : 70819112578 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Hundreds of Shanty towns line the river banks, train tracks, and garbage dumps in the Filipino capital. Around a quarter of its 12 million are considered 'informal settlers'. Manila is starkly representative of a global problem. According to the United Nations, about a quarter of the World's urban population lives in slums.

Slum tourism takes outsiders through their most impoverished marginalized districts. Slum tourism sparks considerable debate around an uncomfortable moral dilemma. Many consider the practice little more than slack-jawed privileged people gawking at those less fortunate. Others argue they raise awareness and provide numerous examples of giving back to the local communities.

Which of the following best justify 'Slum Tourism' in the above paragraph ?

**Options :**

70819141255. As a charity by privileged people.

70819141256. As a way to reduce crime.

70819141257. As a way to sensitize travellers about poor living conditions in the society.

70819141258. As an adventure activity.

**Question Number : 103 Question Id : 70819112579 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Hundreds of Shanty towns line the river banks, train tracks, and garbage dumps in the Filipino capital. Around a quarter of its 12 million are considered 'informal settlers'. Manila is starkly representative of a global problem. According to the United Nations, about a quarter of the World's urban population lives in slums.

Slum tourism takes outsiders through their most impoverished marginalized districts. Slum tourism sparks considerable debate around an uncomfortable moral dilemma. Many consider the practice little more than slack-jawed privileged people gawking at those less fortunate. Others argue they raise awareness and provide numerous examples of giving back to the local communities.

The nearest meaning of 'Gawking' in this paragraph would be :

**Options :**

70819141259. Learning

70819141260. Staring

70819141261. Peeping

70819141262. Gloating

**Question Number : 103 Question Id : 70819112579 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

Hundreds of Shanty towns line the river banks, train tracks, and garbage dumps in the Filipino capital. Around a quarter of its 12 million are considered 'informal settlers'. Manila is starkly representative of a global problem. According to the United Nations, about a quarter of the World's urban population lives in slums.

Slum tourism takes outsiders through their most impoverished marginalized districts. Slum tourism sparks considerable debate around an uncomfortable moral dilemma. Many consider the practice little more than slack-jawed privileged people gawking at those less fortunate. Others argue they raise awareness and provide numerous examples of giving back to the local communities.

The nearest meaning of 'Gawking' in this paragraph would be :

**Options :**

70819141259. Learning

70819141260. Staring



70819141261. Peeping

70819141262. Gloating

**Question Number : 104 Question Id : 70819112580 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

**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 : Over the last two decades collective attention span is decreasing.

Reason R : Quick availability and rapid access to large amount of information leads to loss of interest in one topic very quickly.

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

**Options :**

70819141263. Both A and R are true and R is the correct explanation of A

70819141264. Both A and R are true but R is NOT the correct explanation of A

70819141265. A is true but R is false

70819141266. A is false but R is true

**Question Number : 104 Question Id : 70819112580 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠਾਂ ਦੇ ਕਥਨ ਦਿੱਤੇ ਹਨ। ਇਕ ਨੂੰ **ਦ੍ਰਿੜ ਕਥਨ** (ਕ) ਕਿਹਾ ਹੈ ਅਤੇ ਦੂਜੇ ਨੂੰ **ਕਾਰਨ ਕਥਨ** (ਖ) ਦਿਹਾ ਹੈ।

**ਦ੍ਰਿੜ ਕਥਨ (ਕ) :** ਪਿਛਲੇ ਦੋ ਦਹਾਕੇ ਤੋਂ ਸਾਡੇ ਧਿਆਨ ਦਾ ਸਮਾ ਘਟ ਰਿਹਾ ਹੈ।

**ਕਾਰਨ ਕਥਨ (ਖ) :** ਜਲਦੀ ਮਿਲਣਾ ਅਤੇ ਤੇਜੀ ਨਾਲ ਬਹੁਤ ਸਾਰੀ ਸੂਚਨਾਵਾਂ ਤਕ ਪਹੁੰਚ ਕਰਕੇ ਕਿਸੇ ਵੀ ਵਿਸ਼ੇ ਵਿੱਚ ਦਿਲਚਸਪੀ ਤੇਜੀ ਘੱਟਦੀ ਹੈ।

ਉਪਰ ਦਿੱਤੀ ਕਥਨਾਂ ਦੀ ਲੋਅ ਵਿੱਚ ਸਹੀ ਵਿਕੱਲਪ ਦੀ ਚੋਣ ਕਰੋ -

**Options :**

70819141263. ਦੋਨੋਂ ਕ ਅਤੇ ਖ ਸਹੀ ਹਨ ਅਤੇ ਖ, ਕ ਦਾ ਸਹੀ ਜਵਾਬ ਹੈ ।

70819141264. ਦੋਨੋਂ ਕ ਅਤੇ ਖ ਸਹੀ ਹੈ । ਪਰ ਖ, ਕ ਦਾ ਗਲਤ ਜਵਾਬ ਹੈ ।

70819141265. ਕ ਸਹੀ ਹੈ, ਖ ਗਲਤ ਹੈ ।

70819141266. ਕ ਸਹੀ ਨਹੀਂ ਹੈ, ਪਰ ਖ ਸਹੀ ਹੈ ।

**Question Number : 105 Question Id : 70819112581 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

**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 past two decades, rate of divorce has increased in India.

Reason R : Increasing number of married couples do not want to have children.

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

**Options :**

70819141267. Both A and R are true and R is the correct explanation of A

70819141268. Both A and R are true but R is NOT the correct explanation of A

70819141269. A is true but R is false

70819141270. A is false but R is true

**Question Number : 105 Question Id : 70819112581 Question Type : MCQ Option Shuffling : Yes**

**Is Question Mandatory : No**

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

ਹੇਠਾਂ ਦੇ ਕਥਨ ਦਿੱਤੇ ਹਨ। ਇਕ ਨੂੰ **ਦ੍ਰਿੜ ਕਥਨ** (ਕ) ਕਿਹਾ ਹੈ ਅਤੇ ਦੂਜੇ ਨੂੰ **ਕਾਰਨ ਕਥਨ** (ਖ) ਦਿਹਾ ਹੈ।

**ਦ੍ਰਿੜ ਕਥਨ (ਕ)** : ਪਿਛਲੇ ਦੇ ਦਾਹਿਕਆਂ ਵਿੱਚ, ਭਾਰਤ ਵਿੱਚੋਂ ਤਲਾਕ ਦੇਣ ਦੀ ਦਰ ਵੱਧ ਰਹੀ ਹੈ।

**ਕਾਰਨ ਕਥਨ (ਖ)** : ਬਹੁਤ ਸਾਰੇ ਵਿਆਹੇ ਜੋੜੇ ਬੱਚੇ ਪੈਦਾ ਨਹੀਂ ਕਰਨਾ ਚਾਹੁੰਦੇ।

ਉਪਰ ਦਿੱਤੀਆ ਕਥਨਾਂ ਦੀ ਲੋਅ ਵਿੱਚ ਸਹੀ ਵਿਕੱਲਪ ਦੀ ਚੋਣ ਕਰੋ -

**Options :**

70819141267. ਦੋਨੋ ਕ ਅਤੇ ਖ ਸਹੀ ਹਨ। ਪਰ ਖ, ਕ ਦਾ ਸਹੀ ਜਵਾਬ ਹੈ।

70819141268. ਦੋਨੋ ਕ ਅਤੇ ਖ ਸਹੀ ਹਨ। ਪਰ ਖ, ਕ ਦਾ ਗਲਤ ਜਵਾਬ ਹੈ।

70819141269. ਕ ਸਹੀ ਹੈ, ਖ ਗਲਤ ਹੈ।

70819141270. ਕ ਸਹੀ ਨਹੀਂ ਹੈ। ਪਰ ਖ ਸਹੀ ਹੈ।