

SSC CPO 24
Nov 2020
AShift-147

Section: General Intelligence and Reasoning

Q.1 In the following Venn diagram, the 'Circle' stands for 'Lawyers', the 'Hexagon' stands for 'Females' and the 'Rectangle' stands for 'Food-lovers'. The given numbers represent the number of persons in that particular category. How many females are both food-lovers and lawyers?



Ans

1. 12

X 2. 27

X 3. 19

X 4. 7

Question ID: 8161616345

Status : **Answered** Chosen Option : **1**

Q.2 In a code language, if 'I like chocolates' is written as '958', 'we bought chocolates' is written as '153', and 'we like them' is written as '816', then how would 'I bought them' be written in this language?

Ans

1. 936

X 2. 251

X 3. 951

X 4. 859

Adda 247

Question ID : 8161616306 Status : Answered Chosen Option : 1

Q.3 Which two numbers should be interchanged to make the given equation correct?

 $36 \times 12 + 48 \div 6 - 18 = 202$

Ans

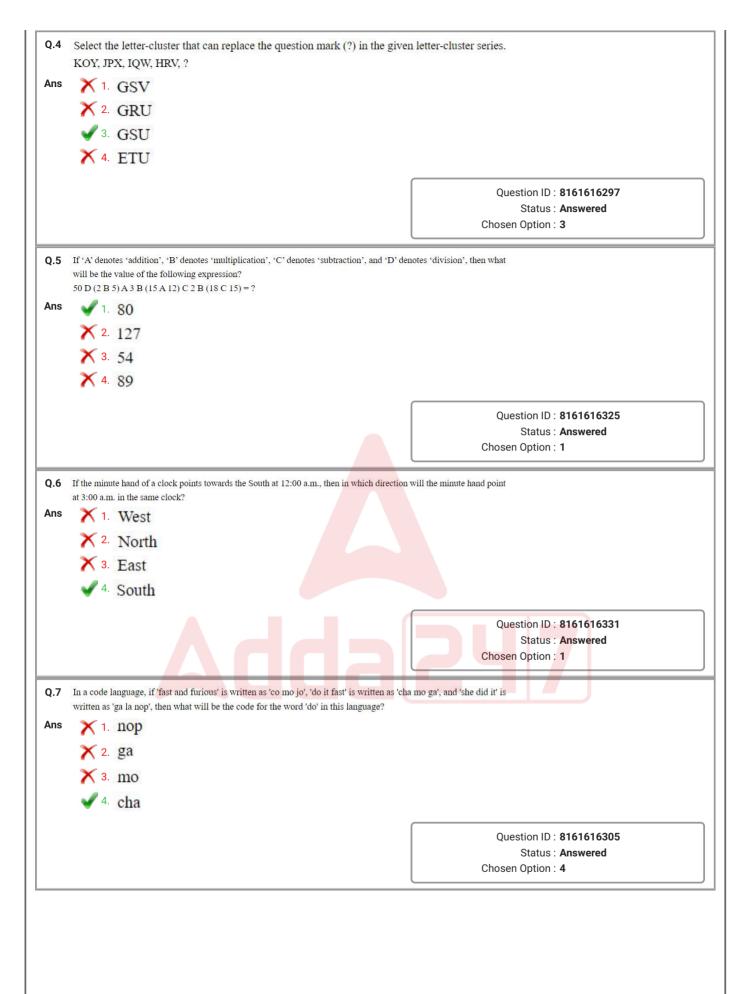
✓ 1. 6 and 12

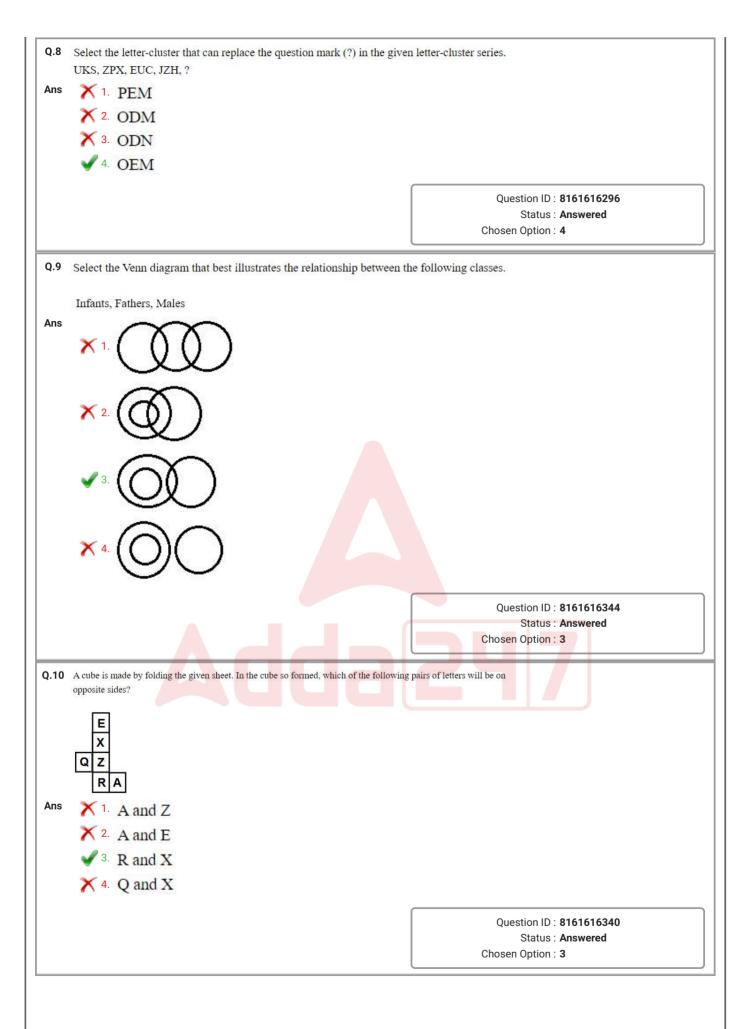
X 2. 36 and 48

X 3. 6 and 18

X 4. 36 and 18

Question ID: 8161616324 Status: Answered





Q.11 Select the correct combination of mathematical signs that can sequentially replace the * signs from left to right to balance the following equation.

15 * 5 * 24 * 140 * 7 * 71

Ans

Question ID : **8161616326**Status : **Answered**Chosen Option : **2**

Q.12 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

SFQ8PG

Ans

SFQ8bC1X

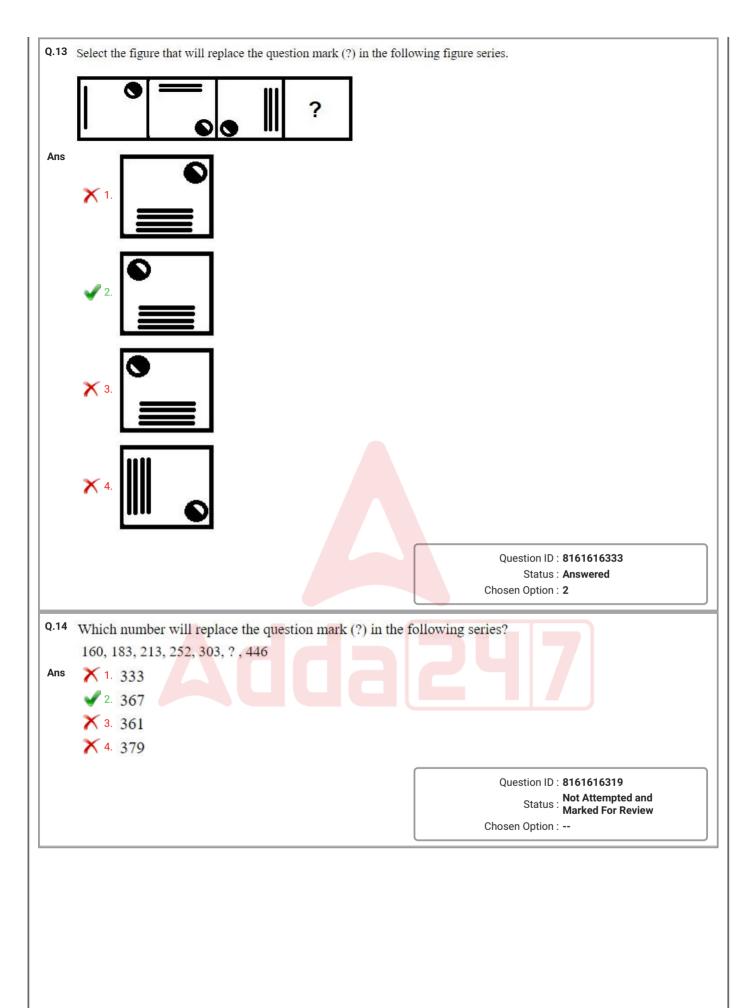
SF G 8 P G 2X

SEQ8PGEX

SFQ8PG.4V

Question ID: 8161616342
Status: Answered
Chosen Option: 4





- Q.15 Select the option that represents the correct order of the given words as they would appear in an English dictionary. 1. Pristine
 - 2. Precious

 - 3. Pressure
 - 4. Presume 5. Precaution

Ans

- X 1. 1, 2, 3, 4, 5
- **√** 2. 5, 2, 3, 4, 1
- X 3. 5, 2, 4, 3, 1
- **X** 4. 5, 3, 2, 4, 1

Question ID: 8161616299 Status: Answered

Chosen Option: 2

Q.16 Which number will replace the question mark (?) in the following series?

65, 62, 56, 47, 35, ?

- Ans X 1. 25
 - X 2. 21
 - **3**. 20
 - X 4. 11

Question ID: 8161616316

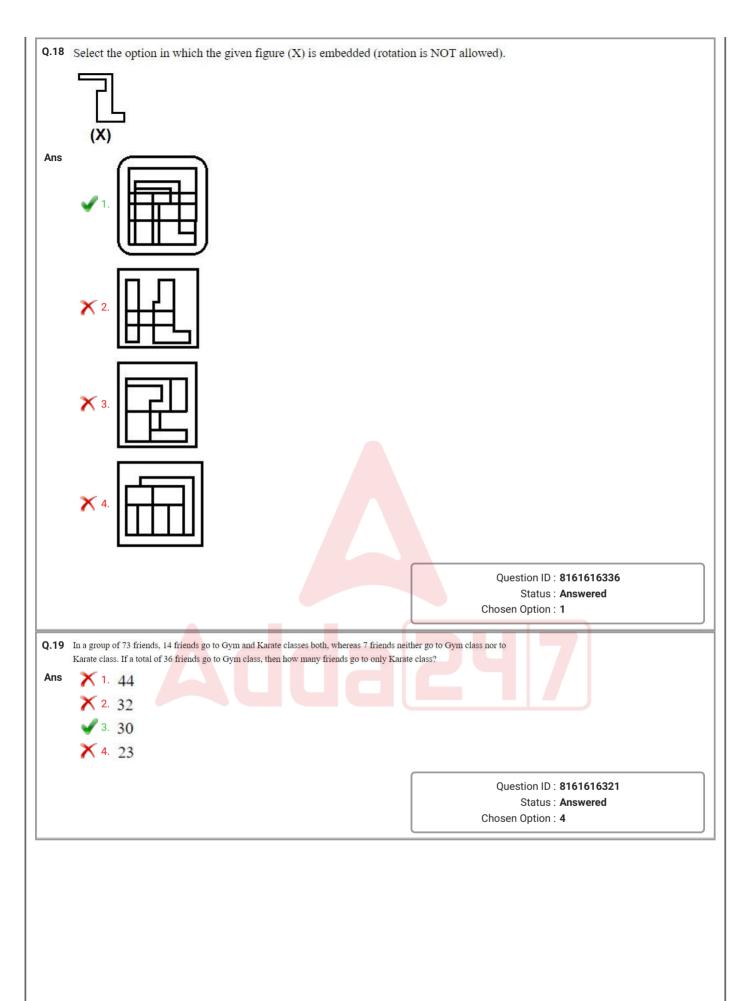
Status: Answered Chosen Option: 3

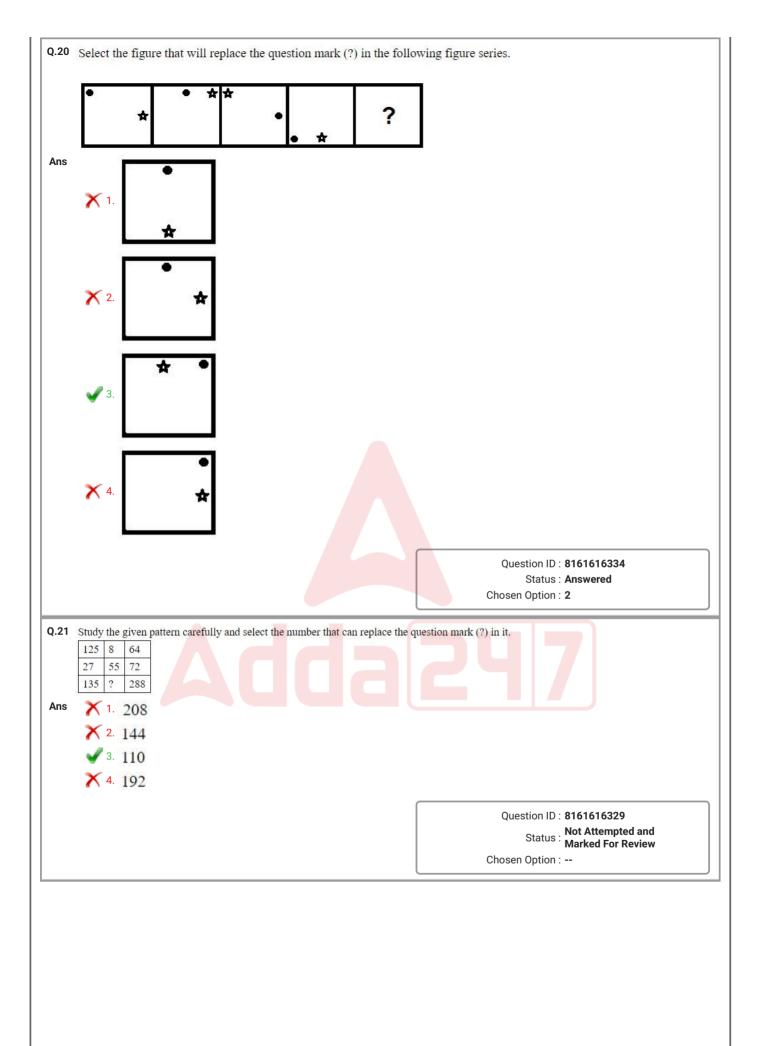
Q.17 Eight friends A, B, C, D, E, F, G and H are sitting in a straight line, all facing the North. F is sitting between D and G. B is sitting between H and A. E is third to the left of G, who is sitting at one of the corners. H is third to the left of C. Who is sitting between A and E?

Ans

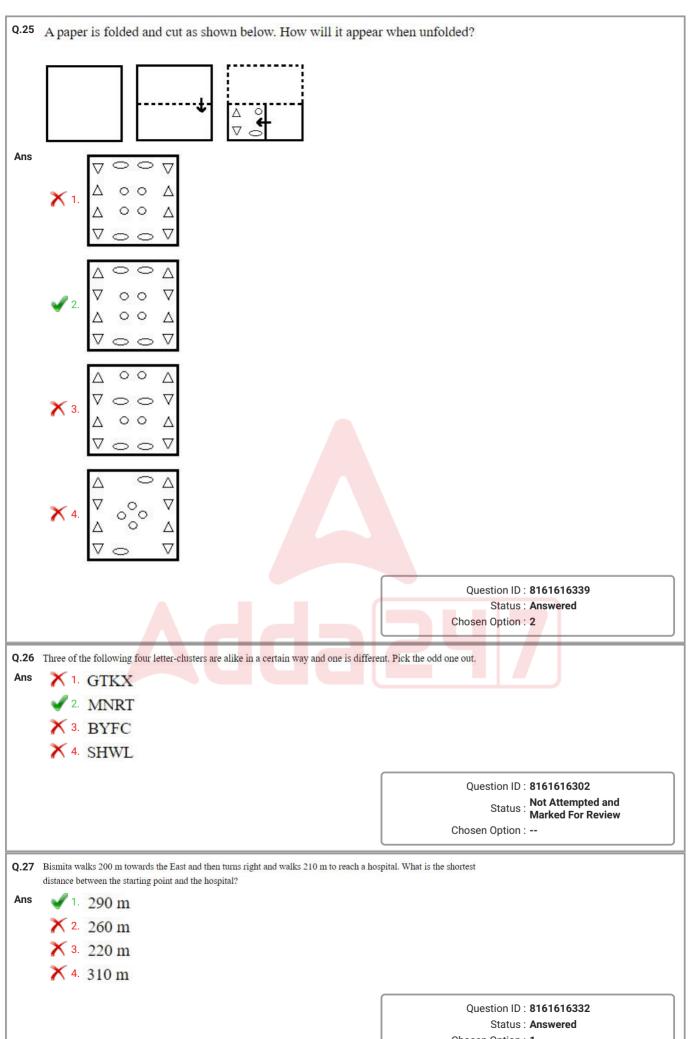
- X 1. B
- X 2. G
- **X** 3. **H**
- **√** 4. C

Question ID: 8161616311 Status: Answered

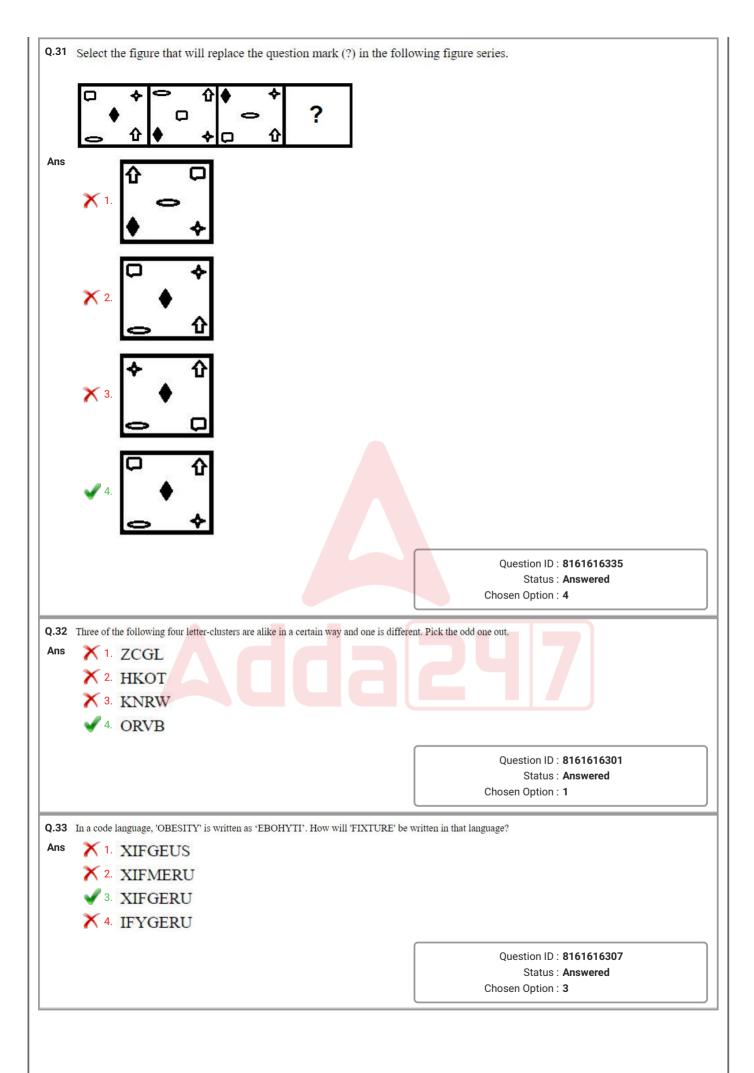




Q.22 Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: No tree is a plum. All pomegranates are trees. I. No pomegranate is a plum. II. No plum is a tree. III. Some trees are pomegranates. Ans 1. Only conclusions I and III follow X 2. Only conclusions II and III follow X 3. Only conclusions I and II follow ✓ 4. All of the conclusions follow Question ID: 8161616315 Status: Answered Chosen Option: 4 Q.23 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster. VOWEL: ZPAFP :: FRICK : ? Ans X 1. JVGOK X 2. JVMGO √ 3. JVJGO X 4. OGMVH Question ID: 8161616304 Status: Marked For Review Chosen Option: 3 Q.24 Preeti is the only sister of Virat. Manoj is the son of Dileep, who is the husband of Maaya. Virat is the son of Devansh. Devansh is Manoj's father-in-law. How is Maaya related to Preeti? Ans √ 1. Mother-in-law X 2. Sister-in-law X 3. Daughter-in-law X 4. Mother Question ID: 8161616312 Status: Answered Chosen Option: 1



Q.28 Select the option figure which is embedded in the figure (X) given below (rotation is NOT allowed). Ans Question ID: 8161616337 Status: Answered Chosen Option: 1 Q.29 What was the day of the week on 14th March 2010? Ans X 1. Tuesday 2. Sunday X 3. Saturday X 4. Monday Question ID: 8161616322 Status: Not Answered Chosen Option: --Q.30 Which number will replace the question mark (?) in the following series? 24, 25, 33, 60, ?, 249 X 1. 147 Ans **2**. 124 X 3. 133 X 4. 121 Ouestion ID: 8161616317 Status: Answered Chosen Option: 2



Q.34 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



Ans

mtahpkaz 1X

mfg p p k a z 2 X

mfghpkaz 🛚 🕒

wfghqkaz*X

Question ID : **8161616343** Status : **Answered**

Chosen Option: 3

 $\textbf{Q.35} \quad \text{Select the letter-cluster that can replace the question } \max (?) \text{ in the given letter-cluster series}.$

THC, DIU, VJE, FKW, XLG, ?

Ans

X 1. GMX

X 2. FKX

√ 3. HMY

X 4. HNZ

Question ID: 8161616298 Status: Answered Chosen Option: 3

Q.36 In a code language, 'BLOCK' is written as '31316412'. How will 'SUPREME' be written in that language?

Δns

X 1. 192116185605

X 2. 202317206146

X 3. 192217196156

4. 202217196146

Question ID: 8161616309 Status: Answered

Chosen Option: 4

Q.37 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1. Kilogram
- 2. Gram
- 3. Quintal
- 4. Decigram
- 5. Milligram

Ans

X 1. 4, 5, 2, 3, 1

X 2. 4, 5, 2, 1, 3

√ 3. 5, 4, 2, 1, 3

X 4. 5, 2, 4, 1, 3

Question ID : **8161616300** Status : **Answered**

Q.38 Which number will replace the question mark (?) in the following series? 3, 12, 52, 159, 640, ? Ans 1. 1923 X 2. 1910 X 3. 1731 X 4. 1863 Question ID: 8161616318 Status : Not Attempted and Marked For Review Chosen Option: --Q.39 जब एक संख्या को इसकी अगली संख्या में और एक ऐसी अन्य संख्या में जोड़ा जाता है, जो इसकी अगली संख्या से चार गुना अधिक है, तो इन तीनों संख्याओं का योग 95 होता है। वह संख्या जात करें। Ans X 1. 17 **√** 2. 15 X 3. 16 X 4. 14 Ouestion ID: 8161616320 Status: Answered Chosen Option: 2 Q.40 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: All farmers are doctors. All doctors are magicians. I. All farmers are magicians. II. No farmer is a magician. X 1. Both the conclusions follow 2. Only conclusion I follows 3. Only conclusion II follows X 4. Either conclusion I or II follows Question ID: 8161616314 Status: Answered Chosen Option : 2 Q.41 Study the given pattern carefully and select the number that can replace the question mark (?) in it. 14 26 182 24 16 192 22 187 Ans X 1. 21 X 2. 23 X 3. 30 **4**. 17

Question ID: 8161616328

Status : Not Attempted and Marked For Review

Q.42 Six friends P, Q, R, S, T and U are sitting around a circular table, facing the centre of the table. P is second to right of S. Q is sitting to the immediate left of T. P is sitting between R and U. S is sitting to the immediate left of R. Who is sitting between P and S?

Ans

X 1. U

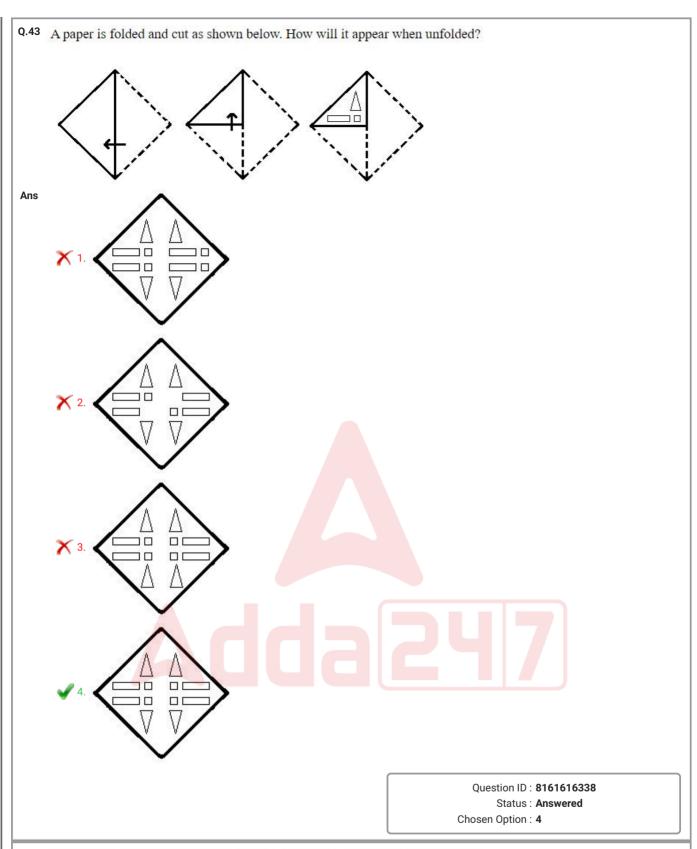
✓ 2. R

X 3. **T**

X 4. Q

Question ID : **8161616310**Status : **Answered**Chosen Option : **2**





Q.44 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BEST: WVHE:: CROP:?

Ans

X 1. SRVG

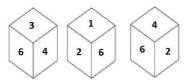
X 2. RTUF

√ 3. SRUF

X 4. PRUM

Question ID: 8161616303 Status: Answered

Q.45 Three different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face showing '1'.



Ans

3. **4**

X 4. 3

Question ID: 8161616341 Status: Answered

Chosen Option: 3

Q.46 In a code language, 'PLUM' is written as 'KQOMFVNN'. How will 'BIG' be written in that language?

X 1. YCRKTM

√ 2. YCRJTH

X 3. CYRJGT

X 4. XCSJTH

Question ID: 8161616308

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.47 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

17	41	?
15	24	29
49	106	85

Ans

Question ID: 8161616327

Status : Not Attempted and Marked For Review

Q.48 'A # B' means 'A is the husband of B'.

'A @ B' means 'A is the sister of B'.

'A & B' means 'A is the mother of B'.

'A % B' means 'A is the son of B'.

If S # Z @ R % K # J & T # N, then which of the following statements is NOT correct?

Ans

X 1. K is the father-in-law of N.

X 2. R and T are brothers.

X 3. Z is the sister of T.

J is the mother of S.

Question ID: 8161616313

Status : **Answered** Chosen Option : **4**

Q.49 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

14:588

Ans

X 1. 12:666

X 2. 20:980

X 3. 11: 344

√ 4. 18:972

Question ID : **8161616323**

Status: Marked For Review

Chosen Option: 4

Q.50 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

17	18	19
21	22	?
396	437	520

Ans

1. 28

X 2. 30

3. 25

X 4. 27

Adda 247

Question ID: 8161616330 Status: Not Answered

Chosen Option : --

Section: General Knowledge and General Awareness

Q.1 Which of the following Viceroys appointed the Hunter Commission in 1882?

Ans

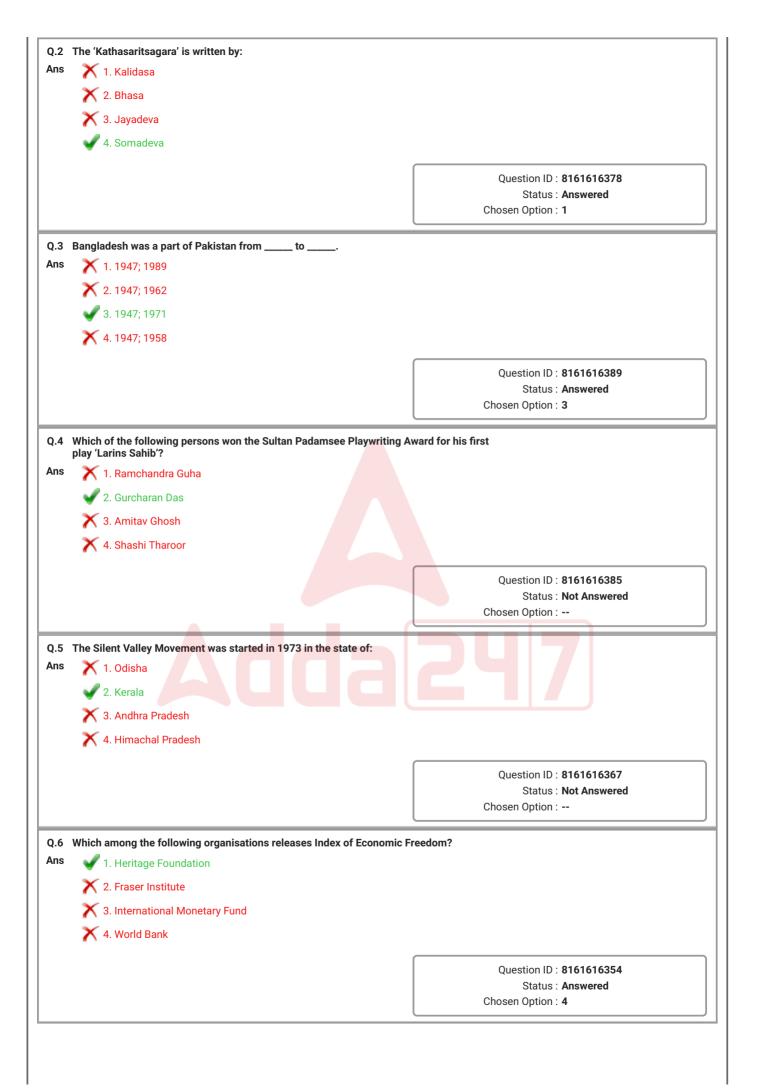
X 1. Lord Mayo

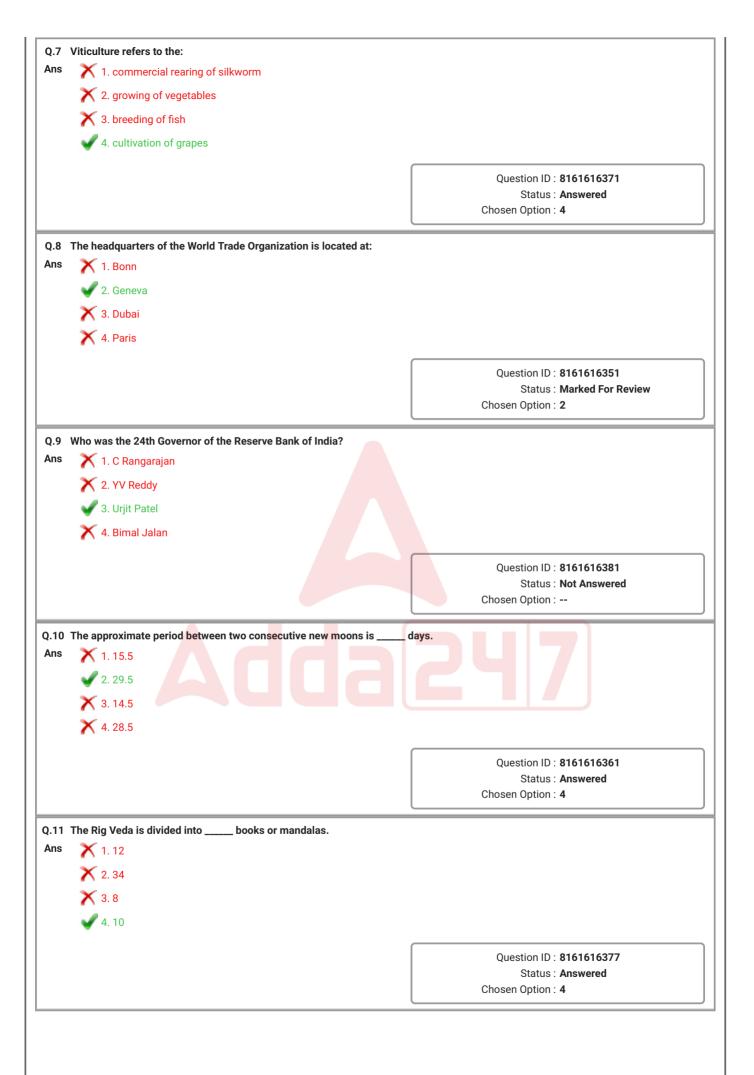
2. Lord Ripon

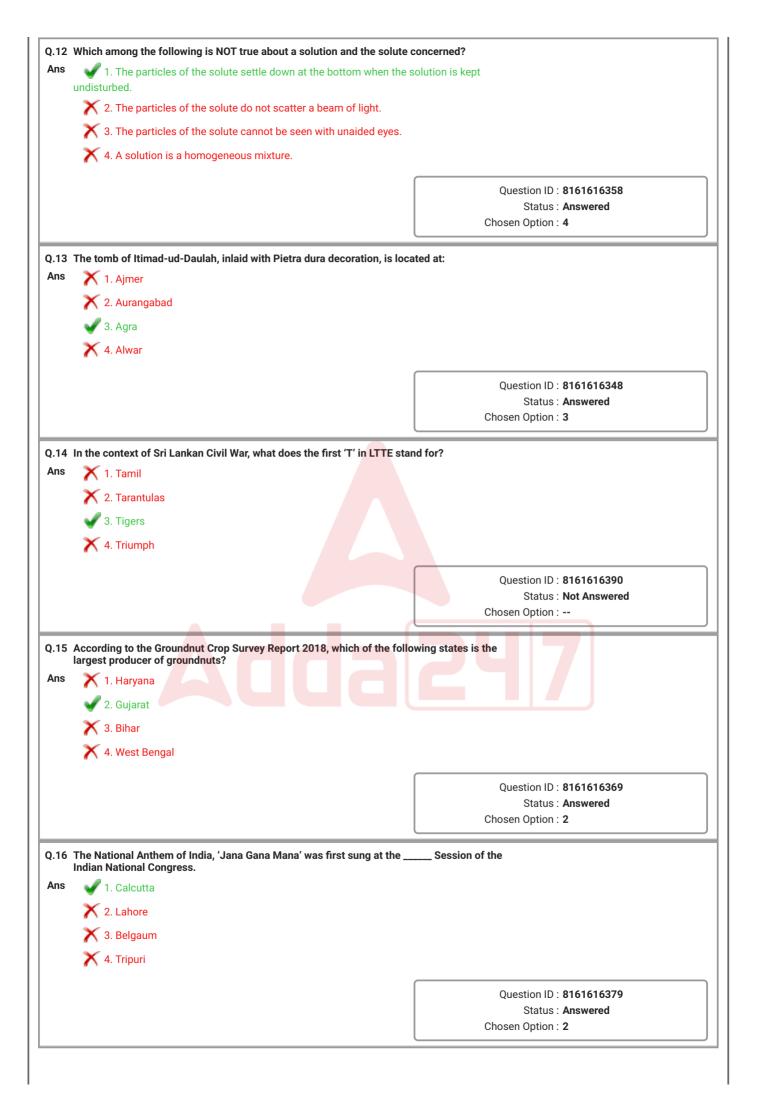
X 3. Lord Lytton

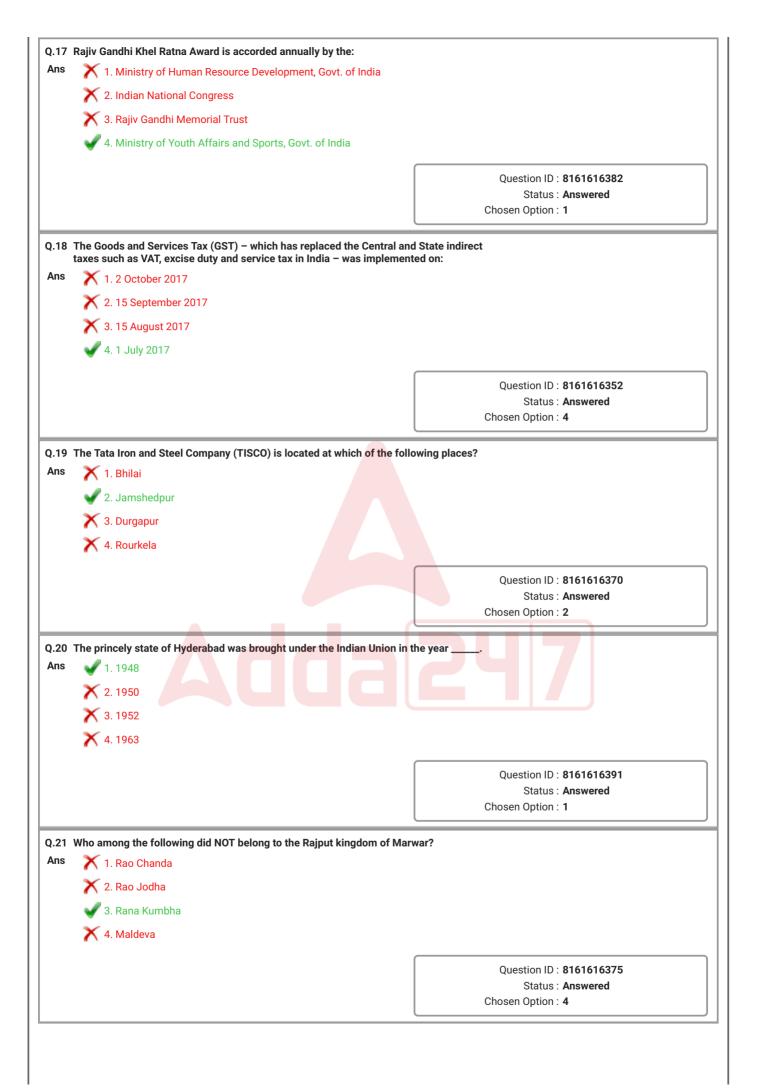
X 4. Lord Minto

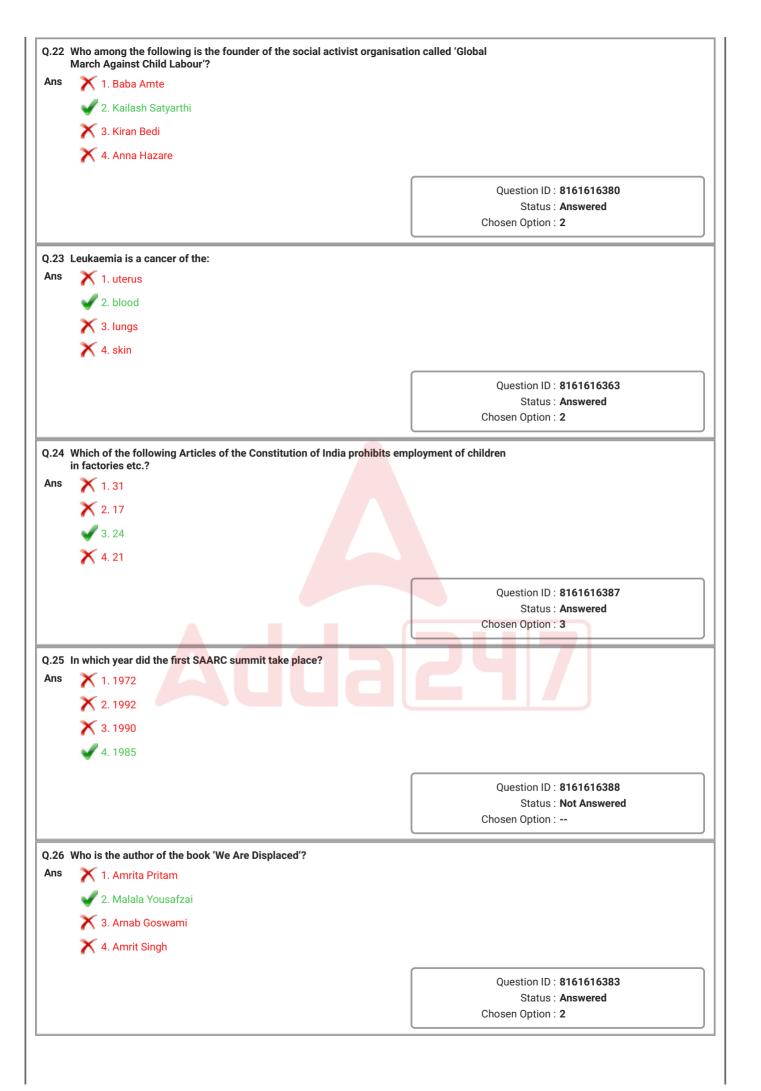
Question ID : 8161616376 Status : Not Answered

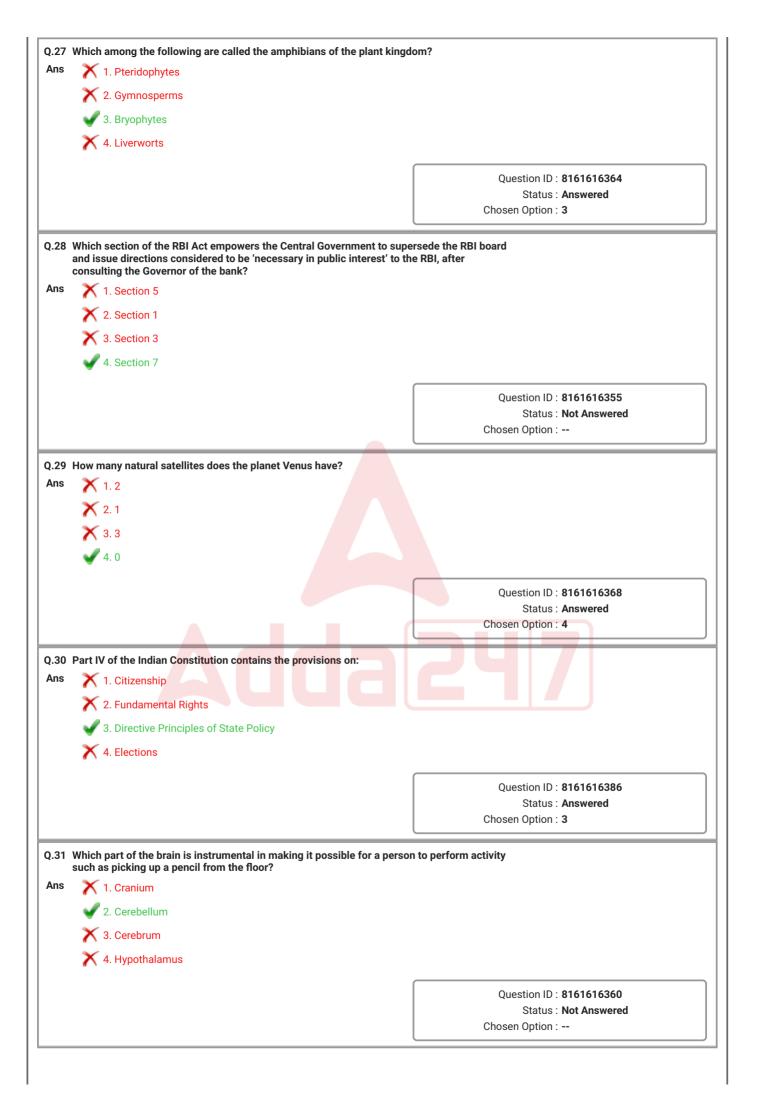


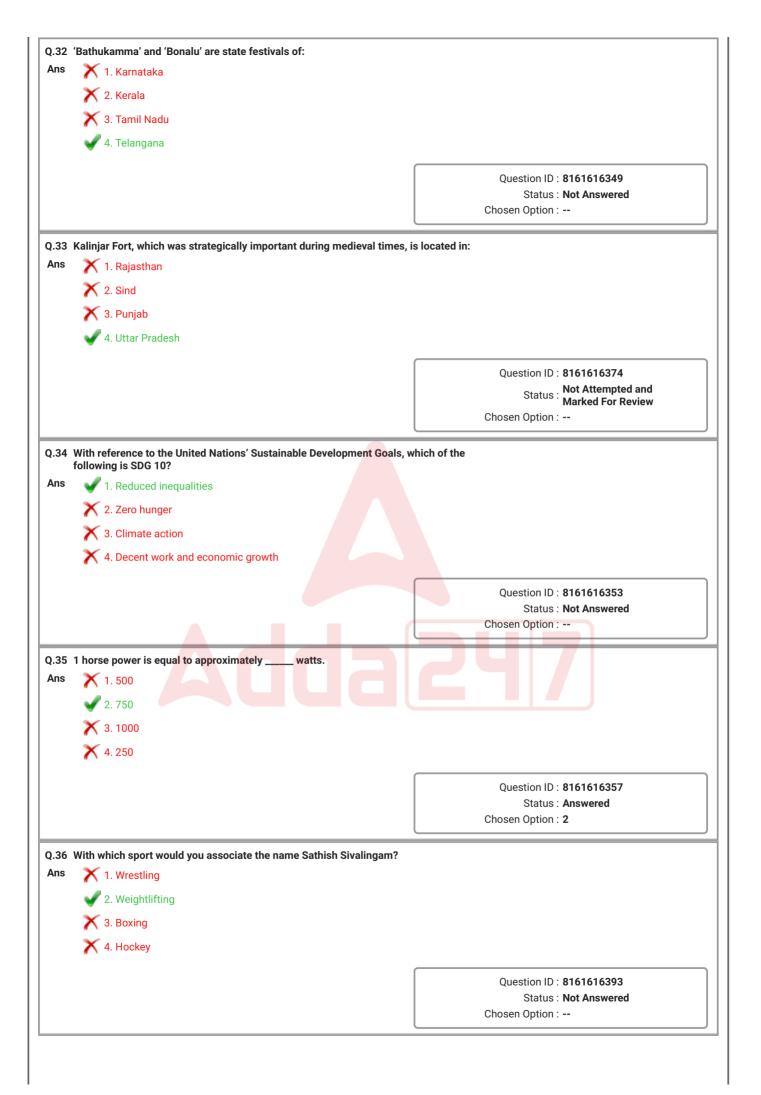




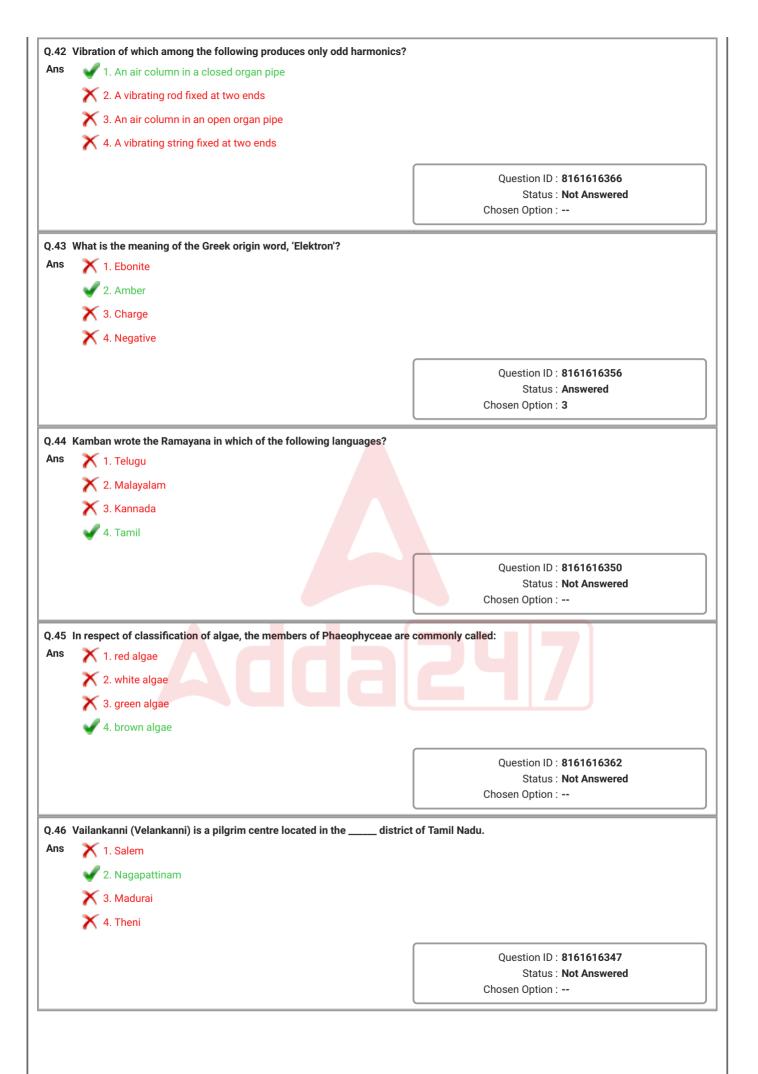








Q.37	87 Which of the following persons was the recipient of the inaugural Infosys Prize for Social Sciences – History, 2009?				
Ans	 X 1. Amlan Datta ✓ 2. Upinder Singh X 3. Krishna Kumar 				
	X 4. Hari Vasudevan				
		Question ID: 8161616384 Status: Not Answered			
		Chosen Option :			
. 38	Which of the following terms is associated with the anatomy of the hur	nan heart?			
Ans	1. Cerebrum				
	X 2. Cerebellum X 3. Medulla				
	✓ 4. Aorta				
	•				
		Question ID : 8161616365			
		Status : Answered Chosen Option : 4			
).39 Ans	The 90 degree East Meridian does NOT pass through:				
4115	1. Bangladesh				
	2. Sikkim				
3. Bhutan 4. Meghalaya					
		Status : Not Attempted and Marked For Review			
		Chosen Option :			
. 40	What is the summing of higher any above in a male subject of salaisms his above				
ર.4∪ Ans	What is the number of hydrogen atoms in a molecule of calcium bicarb 1.4	onate?			
	★ 2.0				
	X 3.1				
	✓ 4.2				
	4.2				
		Question ID : 8161616359			
		Status : Answered Chosen Option : 2			
		·			
	Who was the coach of the Indian men's football team at the Intercontin	ental Cup, 2019?			
Ans	1. Stephen Constantine				
	X 2. Baichung Bhutia				
	√ 3. Igor Stimac				
	3. Igor Stimac 4. Prasanta Banerjee				
		Ouestion ID : 8161616394			
		Question ID : 8161616394 Status : Not Answered			



Q.47	The Summer Olympic Games 2000 were held at:				
Ans					
	2. Sydney				
	X 3. Seoul				
	X 4. Athens				
		Question ID : 8161616395			
		Status : Marked For Review			
		Chosen Option : 4			
Q.48	In which of the following places is the Govardhan Math located?				
Ans	✓ 1. Puri				
	X 2. Dwarka				
	X 3. Sringeri				
	X 4. Badrinath				
		Question ID : 8161616346			
		Status : Not Attempted and Marked For Review			
		Chosen Option :			
0.40	Who among the fallowing is the only Indian chattles to have your a Comm	and Ohumping allers			
	Q.49 Who among the following is the only Indian shuttler to have won a Summer Olympics silver medal?				
Ans	1. Prakash Padukone				
	2. Pulela Gopichand				
	X 3. Saina Nehwal				
	√ 4. PV Sindhu				
		Question ID : 8161616392			
		Status : Answered			
		Chosen Option : 4			
Q.50 Ans	Standing in an open ground on a cloudless day, at what time will your sh shortest?	adow be the			
Alls	1.15:00				
	2.07:00				
	√ 3. 12:00 × 4.00:00				
	× 4. 09:00				
		Question ID : 8161616372			
		Status : Answered Chosen Option : 3			
		·			
Section	Section: Quantitative Aptitude				

Q.1 Let \triangle ABC \sim \triangle RPQ and $\frac{ar}{ar}\frac{(\triangle ABC)}{(\triangle PQR)} = \frac{4}{9}$. If AB = 3 cm, BC = 4 cm and AC = 5 cm, then RP (in cm) is equal to:

Ans

- **1** 4.5
- X 2. 12
- **X** 3. 5
- X 4. 6

Question ID : 8161616431 Status : Answered

Chosen Option: 1

Q.2 A person's salary has increased from ₹7,000 to ₹12,000. What is the percentage increase in his salary?

Ans

- \times 1. $61\frac{1}{7}\%$
- \times 2. $76\frac{4}{7}\%$
- \times 3. $69\frac{1}{7}\%$
- \checkmark 4. $71\frac{3}{7}\%$

Question ID : **8161616405** Status : **Answered**

Chosen Option: 4

Q.3 A and B can do a piece of work in 25 days. B alone can do $66\frac{2}{3}\%$ of the same work in 30 days. In how many days can A alone do $\frac{4}{15}$ part of the same work?

Ans

- X 1. 12
- X 2. 18
- **X** 3. 20
- **4**. 15

Adda

Question ID : 8161616417 Status : Answered

Chosen Option: 4

Q.4 If $x^2 + 8y^2 + 12y - 4xy + 9 = 0$, then the value of (7x + 8y) is:

Ans

- X 1. 9
- **√** 2. −33
- **X** 3. −9
- **X** 4. 33

Question ID: 8161616427

Status : Not Attempted and Marked For Review

Q.5 The two parallel sides of a trapezium are 17 cm and 15 cm, respectively. If the height of the trapezium is 6 cm, then its area (in m²) is:

Ans

- X 1. 0.96
- **√** 2. 0.0096
- X 3. 9.6
- X 4. 960

Question ID: 8161616422 Status: Answered

Chosen Option: 2

If $x^2 - 3x + 1 = 0$, then the value of $\left(x^4 + \frac{1}{x^2}\right) \div \left(x^2 + 1\right)$ is:

- Ans X 1. 9
 - X 2. 5
 - **3**. 6
 - X 4. 7

Question ID: 8161616426 Status: Answered

Chosen Option: 3

Q.7 If six-digit number 5x2y6z is divisible by 7, 11 and 13, then the value of (x - y + 3z) is:

Ans

- X 1. 9
- **X** 2. 0
- **3**. 7
- X 4. 4

Question ID: 8161616397

Status: Answered

Chosen Option: 3

Q.8 If the annual rate of simple interest increases from 11% to 17½%, then a person's yearly income increases by ₹1,071.20. The simple interest (in ₹) on the same sum at 10% for 5 years is:

- X 1. 9,120
- √ 2. 8,240
- X 3. 16,480
- X 4. 7,250

Question ID: 8161616414

Status: Answered

Q.9 If the difference between the compound interest and simple interest at 17% on a sum of money for 2 years (compounded annually) is ₹433.50, then the compound interest (in ₹) is:
Ans
✓ 1. 5,533.50
X 2. 2,735.50
X 3. 5,100

Question ID : **8161616413**Status : **Answered**Chosen Option : **1**

Q.10 A rectangular lawn whose length is twice of its breadth is extended by having four semi-circular portions on its sides. What is the total area (in m^2) of the lawn if the smaller side of the rectangle is 12 m? (Take $\pi=3.14$)

Ans 🗙

X 1. 548.32

X 4. 2,500

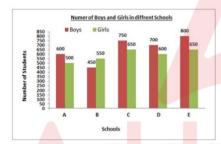
X 2. 444

√ 3. 853.2

X 4. 308.64

Question ID: 8161616424
Status: Answered
Chosen Option: 3

Q.11 The given bar graph represents the number of boys and girls in five different schools. Read the graph and answer the question that follows.



What is the average number of students (girls and boys) in schools A, B, C, D and E?

Ans

X 1. 596

√ 2. 1250

X 3. 625

X 4. 660

Status : **Answered** Chosen Option : **2**

Question ID: 8161616438

Q.12 In \triangle ABC, AB and AC are produced to points D and E, respectively. If the bisectors of \angle CBD and \angle BCE meet at the point O, and \angle BOC = 57°, then \angle A is equal to:

Ans

√1. 66°

X 2. 93 °

X 3. 114°

X 4. 57°

Question ID : **8161616432** Status : **Answered**

Q.13 A single discount equivalent to three successive discounts of 6%, 15% and 14% is:

Ans

X 1. 34.357%

X 2. 17.5%

X 3. 68.714%

√ 4. 31.286%

Question ID : **8161616404**Status : **Answered**Chosen Option : **4**

Q.14 If x + y + z = 17, xyz = 171 and xy + yz + zx = 111, then the value of $\sqrt[3]{(x^3 + y^3 + z^3 + xyz)}$ is:

Ans

X 1. 0

√ 2. **−**4

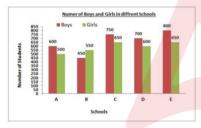
X 3. 4

X 4. -64

Question ID: 8161616428 Status: Answered

Chosen Option: 2

Q.15 The given bar graph represents the number of boys and girls in five different schools. Read the graph and answer the question that follows.



What is the ratio of the girls from schools A, B and C taken together to the boys from all schools taken together?

Ans

X 1. 59:66

X 2. 33:17

X 3. 66:59

4. 17:33

Question ID: 8161616437 Status: Answered

Chosen Option: 4

Q.16 A solid lead sphere of radius 11 cm is melted and recast into small solid spheres of radius 2 cm each. How many maximum number (in integer) of such spheres can be made?

Ans

X 1, 125

V 2. 166

X 3. 100

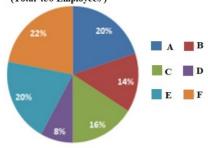
X 4. 30

Question ID : **8161616421** Status : **Answered**

Q.17 The average weight of a group of 3 people A, B and C is 70 kg. When D joins this group, the average becomes 60 kg. A man E, whose weight is 5 kg more than that of D, replaces A and the average weight of B, C, D, and E now becomes 59 kg. What is the average weight (in kg) of A, D and E? (correct to the nearest integer) Ans X 1. 40 **2**. 35 X 3. 39 X 4. 30 Question ID: 8161616406 Status: Answered Chosen Option: 2 Q.18 A solid metallic cube of side 9 cm and a solid metallic cuboid having dimensions 5 cm, 13 cm, 31 cm are melted to form a single cube. How much (in ₹) is the cost to polish the new cube at a rate of ₹10 per cm²? Ans X 1. 8,650 √ 2. 11,760 X 3. 13,620 X 4. 27,440 Question ID: 8161616423 Status: Answered Chosen Option: 2 The least number which is exactly divisible by 4, 5, 8, 10 and 12 is: **1.** 120 X 2. 150 X 3. 180 X 4. 240 Question ID: 8161616398 Status: Answered Chosen Option: 1

Q.20 The given pie chart shows the percentage distribution of 450 employees in an organisation. Read the pie chart and answer the question that follows.

Percentage of Employees in different Departments (Total 450 Employees)



If 75% of the employees in department D are males, how many female employees are there in that department?

Ans



X 2. 36

X 3. 27

X 4. 18

Question ID: 8161616442

Status: Answered

Chosen Option: 1

The value of $\frac{0.325 \times 0.325 + 0.175 \times 0.175 + 25 \times 0.00455}{5 \times 0.0065 \times 3.25 - 7 \times 0.175 \times 0.025} + \frac{0.5}{1.5}$ is: Q.21

Ans

$$\times$$
 2. $\frac{7}{3}$

Question ID: 8161616402

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.22 If the average price of three chairs is ₹14,014 and their prices are in the ratio of 3:4:7, then the highest price (in ₹) of

Ans

× 2. 3,003

X 3. 1,001

4. 7,007

Question ID: 8161616403 Status: Answered

Q.23 The remainder when $72 \times 73 \times 78 \times 76$ is divided by 35 is:

Ans

X 1. 12

X 2. 22

3. 8

X 4. 15

Question ID : **8161616396** Status : **Answered**

Chosen Option: 3

The value of $\frac{\sin^2 30^\circ + \cos^2 60^\circ + \sec 45^\circ . \sin 45^\circ}{\sec 60^\circ + \csc 30^\circ}$ is:

Ans

X 1. $\frac{1}{4}$



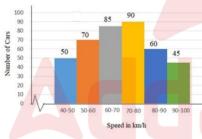
$$\times$$
 3. $-\frac{1}{4}$

$$\times$$
 4. $-\frac{3}{8}$

Question ID: 8161616434 Status: Answered

Chosen Option : 2

Q.25 The given histogram shows the frequency distribution of the speed of cars passing through a particular spot on a highway. Read the graph and answer the following question.



The number of cars with speed (km/h) in the interval (60 - 70) km/h is what percentage less than the number of cars with speed (km/h) in the interval (70 - 80) km/h? (correct to one decimal place)

Ans

1. 5.6%

X 2. 8.6%

X 3. 7.5%

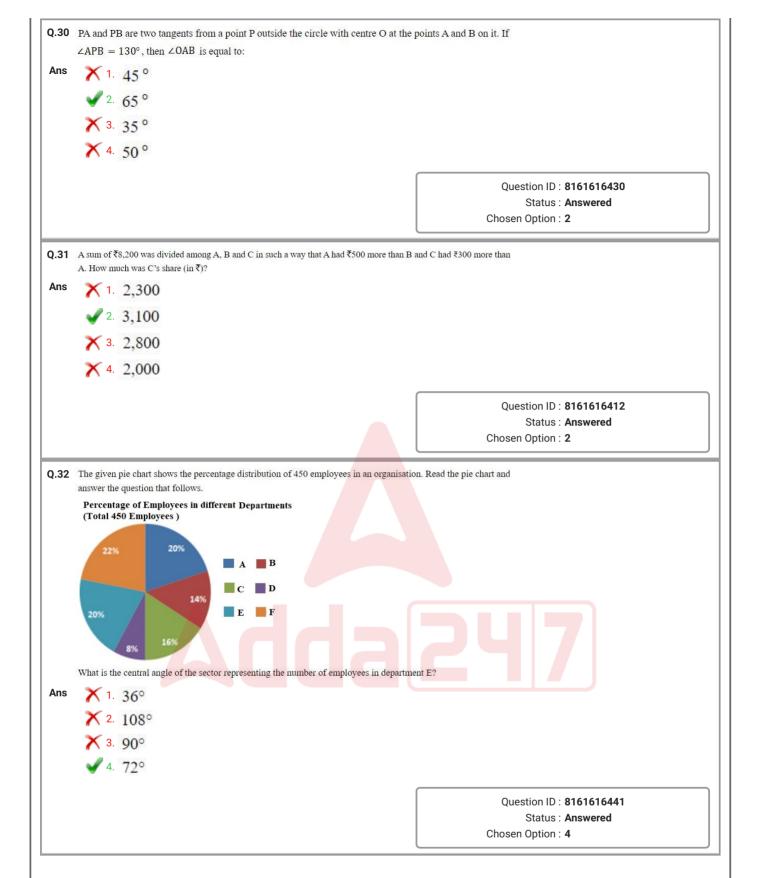
X 4. 5.9%

Question ID : 8161616445 Status : Answered

Q.26 The students of a class donated a sum of ₹2,809 to the Fund. Each student donated as many rupees as the number of students in the class. The number of students in the class is: Ans X 1. 51 **2**. 53 X 3. 49 X 4. 47 Question ID: 8161616399 Status: Answered Chosen Option: 2 Q.27 A man spends 75% of his income. If his income increases by 28% and his expenditure increases by 20%, then what is the increase or decrease percentage in his savings? Ans X 1. 13% increase X 2. 52% decrease X 3. 13% decrease 4. 52% increase Question ID: 8161616408 Status: Answered Chosen Option: 4 Q.28 The given pie chart shows the percentage distribution of 450 employees in an organisation. Read the pie chart and answer the question that follows. Percentage of Employees in different Departments (Total 450 Employees) What is the number of employees working in department F? Ans X 1. 36 **2**. 99 X 3. 63 X 4. 72 Question ID: 8161616440 Status: Answered Chosen Option: 2 **Q.29** The length of the shadow of a vertical pole on the ground is 36 m. If the angle of elevation of the sun at that time is θ , such that $sec\theta = \frac{13}{12}$, then what is the height (in cm) of the pole? X 1. 12 Ans **2**. 15

X 3. 18 X 4. 9

> Question ID: 8161616436 Status: Answered Chosen Option: 2



Q.33 The monthly salary of a person was ₹75,000. He used to spend on Family Expenses (E), Taxes (T), Charity (C) and rest were his savings. E was 60% of the income, T was 20% of E, and C was 15% of T. When his salary got raised by 40%, he maintained the percentage level of E, but T became 30% of E and C became 20% of T. The ratio of the savings of his earlier salary to that of his present salary is:

Ans

X 1. 337:325

X 2. 644: 655

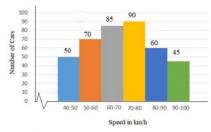
3. 655 : 644

X 4. 325: 337

Question ID : **8161616409** Status : **Answered**

Chosen Option: 3

Q.34 The given histogram shows the frequency distribution of the speed of cars passing through a particular spot on a highway. Read the graph and answer the following question.



What is the ratio of the number of cars with speed less than 60 km/h to the number of cars with speed more than 70 km/h?

Ans

- X 1. 13:8
- X 2. 8:5
- **√** 3. 8:13
- X 4. 5:8

Question ID : **8161616444**Status : **Answered**

Chosen Option : 3

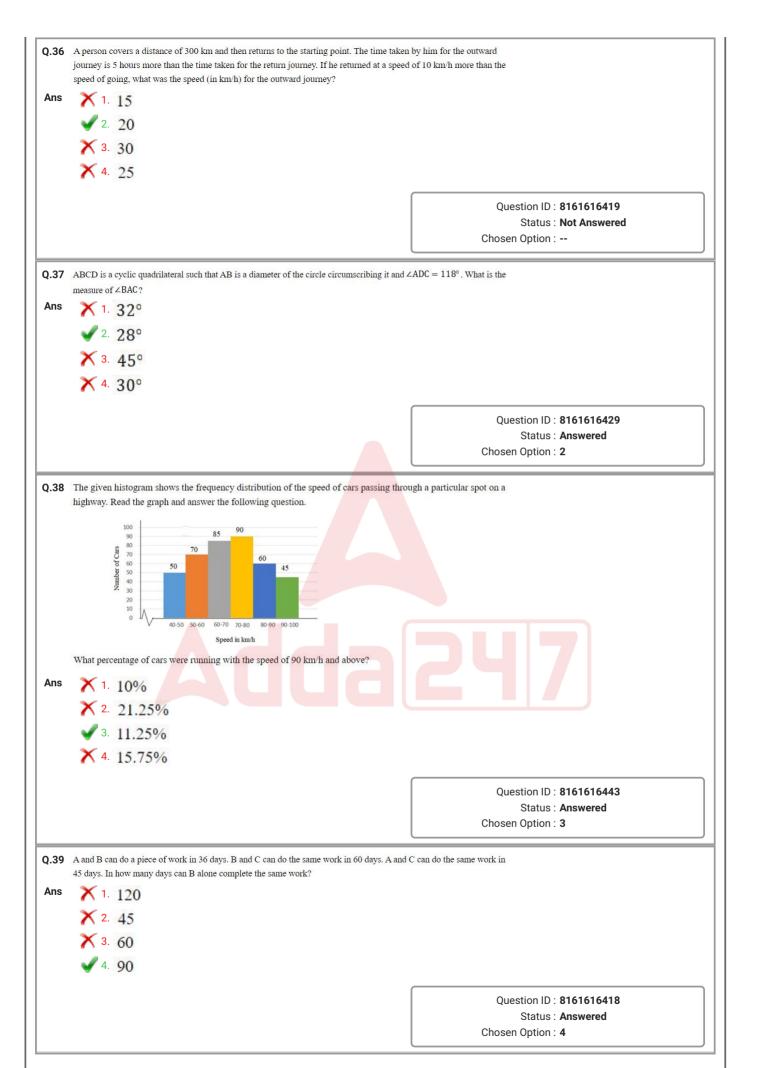
Q.35 The value of $2\frac{1}{3} \div 2\frac{1}{2}$ of $1\frac{3}{5} + (\frac{3}{8} + \frac{1}{7} \times 1\frac{3}{4})$ is:

Ans

- \times 1. $\frac{25}{24}$
- \times 3. $\frac{35}{24}$
- \times 4. $\frac{5}{24}$

Question ID: 8161616400

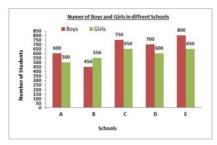
Status: Answered



Q.40 A man bought an article and sold it at a gain of 10%. If he had bought the article at 20% less and sold it for ₹1,000 more, he would have made a profit of 40%. The earlier selling price of the article (in $\overline{\epsilon}$) is: Ans X 1. 50,000 × 2. 40,000 **3**. 55,000 X 4. 60,000 Question ID: 8161616411 Status: Answered Chosen Option: 3 Q.41 If $\sin 3x = \cos (3x - 45^{\circ})$, $0^{\circ} < 3x < 90^{\circ}$, then x is equal to: X 1. 27.5° Ans X 2. 45 ° X 3. 35° **√** 4. 22.5 ° Question ID: 8161616433 Status: Answered Chosen Option: 4 Q.42 Asha and Suman's mud forts have heights 9 cm and 16 cm. If the fort tops are at 25 cm apart from each other, then the distance (in cm) between two forts is: Ans X 1. 7 X 2. 16 X 3. 25 **4**. 24 Question ID: 8161616435 Status: Answered Chosen Option: 4 Q.43 The area of a field in the shape of a hexagon is $1944\sqrt{3}$ m². What will be the cost (in $\stackrel{\blacktriangleleft}{\bullet}$) of fencing it at the rate of ₹11.50 per metre? Ans X 1. 2,256 × 2. 2,785 **3**. 2,484 X 4. 3,200

> Question ID: 8161616425 Status: Answered

Q.44 The given bar graph represents the number of boys and girls in five different schools. Read the graph and answer the question that follows.



In which school is the percentage of boys more than 55%?

Ans

- X 1. C
- X 2. B
- **√** 3. E
- X 4. A

Question ID : 8161616439 Status : Answered Chosen Option : 3

Q.45 If house tax is paid before the due date, one gets a reduction of 12% on the amount of the bill. By paying the tax before the due date, a person got a reduction of ₹2,100. The amount (in ₹) of house tax paid was:

Ans

- X 1. 25,000
- × 2. 21,000
- **3**. 15,400
- X 4. 17,500

Question ID : 8161616410 Status : Answered Chosen Option : 4

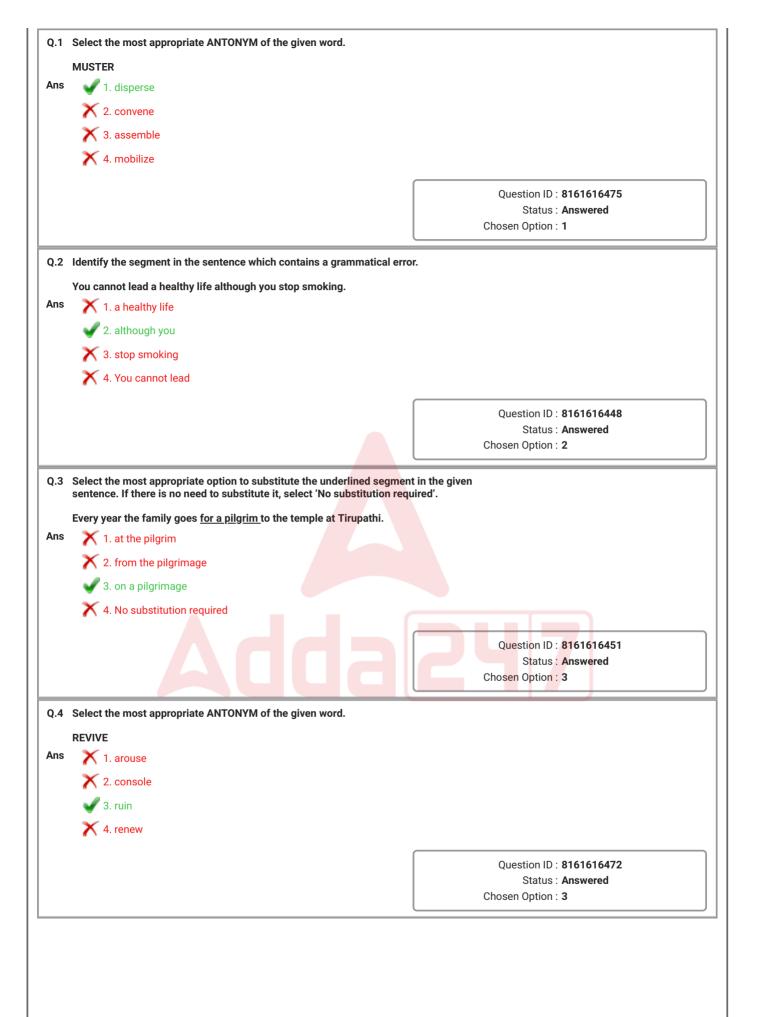
Q.46 The value of $\left(5 \div 2 \text{ of } \frac{1}{2}\right) + \left(5\frac{1}{4} \div \frac{3}{7} \text{ of } \frac{1}{2}\right) \div \left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right) \times \frac{11}{21}$ is:

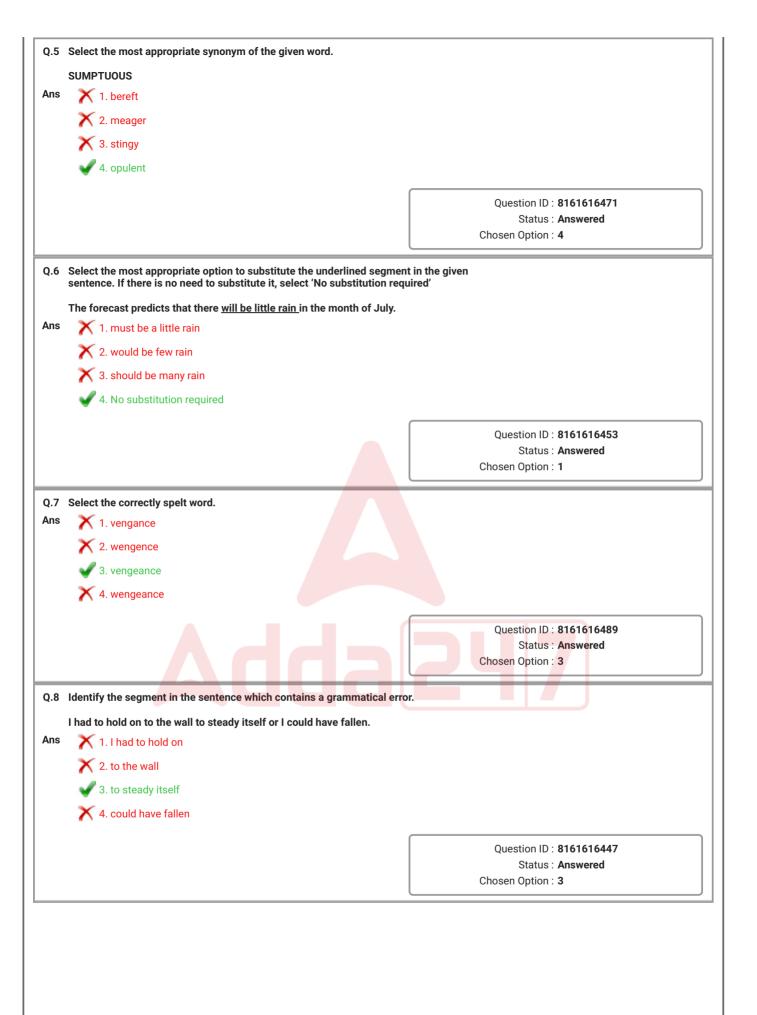
Ans

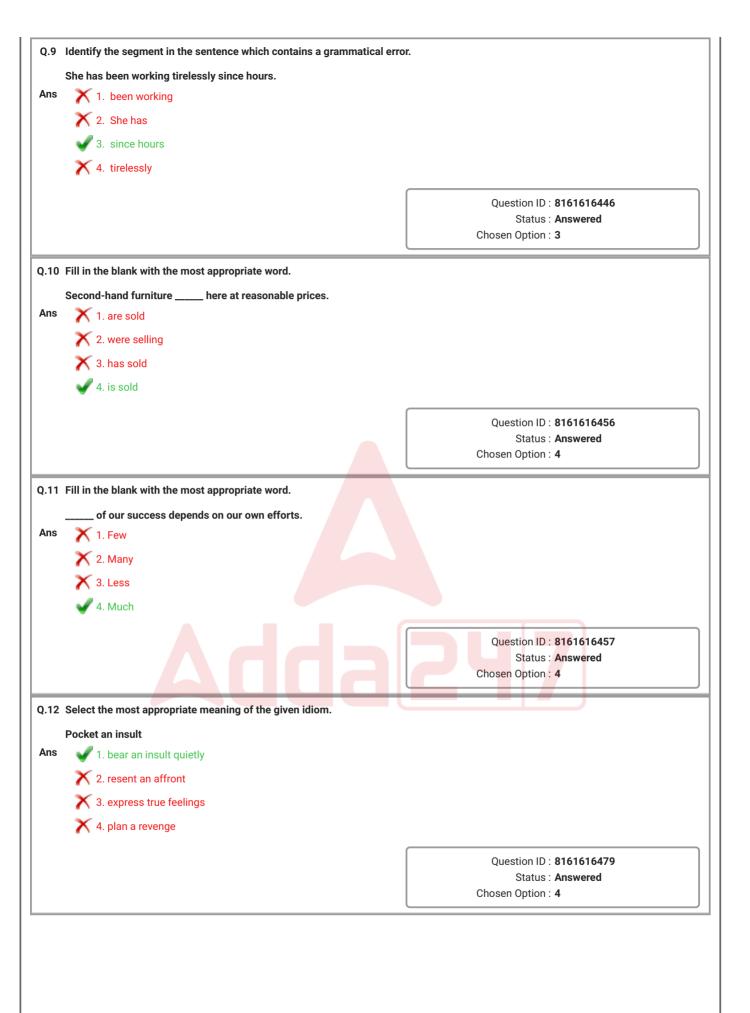
- \times 1. $\frac{35}{24}$
- X 2. 15
- **X** 3. −2
- **4**. 8

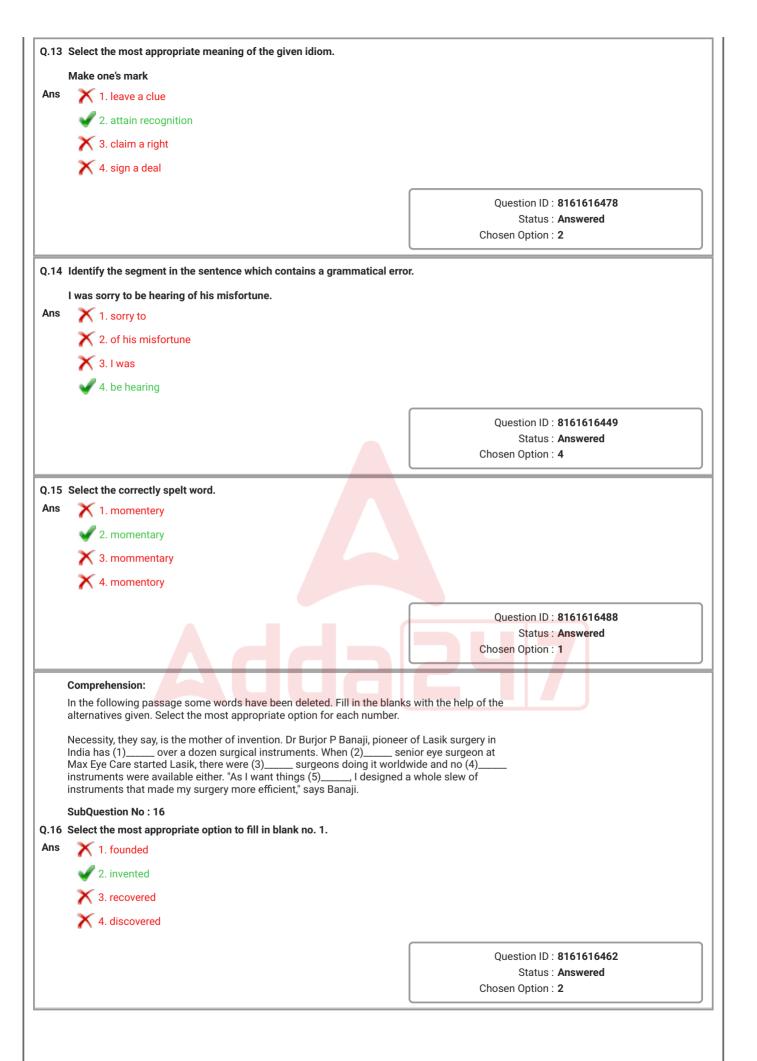
Question ID : 8161616401 Status : Answered

Q.47 A bus covers a 60 kilometre distance in 1 hour 30 minutes, whereas the same distance is covered by a car in 45 minutes. What is the ratio of the speed of the car to the speed of the bus? Ans X 1. 5:3 X 2. 1:2 **√**3. 2:1 X 4. 3:5 Ouestion ID: 8161616420 Status: Answered Chosen Option: 3 Q.48 A and B started a business investing amounts of ₹92,500 and ₹1,12,500, respectively. If B's share in the profit earned by them is ₹9,000, what is the profit (in ₹) earned by A? Ans X 1. 10,000 × 2. 11,240 **3**. 7,400 X 4. 9,000 Question ID: 8161616407 Status: Answered Chosen Option: 3 **Q.49** Pipes A, B and C can fill an empty tank in $\frac{30}{2}$ hours, if all the three pipes are opened simultaneously. A and B are filling pipes and C is an emptying pipe. Pipe A can fill the tank in 15 hours and pipe C can empty it in 12 hours. In how long (in hours) can pipe B alone fill the empty tank? Ans X 1. 6 X 2. 3 **3**. **4** X 4. 5 Question ID: 8161616415 Status: Answered Chosen Option: 3 Q.50 When operated separately, pipe A takes 5 hours less than pipe B to fill a cistern, and when operated together, the cistern gets filled in 6 hours. In how much time (in hours) will pipe A fill the cistern, if operated separately? Ans X 1. 15 **2**. 10 **X** 3. 9 X 4. 18 Question ID: 8161616416 Status: Answered Chosen Option: 1 Section: English Comprehension









Comprehension: In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number. Necessity, they say, is the mother of invention. Dr Burjor P Banaji, pioneer of Lasik surgery in ___ over a dozen surgical instruments. When (2)_____ senior eye surgeon at Max Eye Care started Lasik, there were (3)_____ surgeons doing it worldwide and no (4)_instruments were available either. "As I want things (5)_____, I designed a whole slew of instruments that made my surgery more efficient," says Banaji. SubQuestion No: 17 Q.17 Select the most appropriate option to fill in blank no. 2. Ans 1. those 3. they 4. these Question ID: 8161616463

Status: Answered Chosen Option: 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Necessity, they say, is the mother of invention. Dr Burjor P Banaji, pioneer of Lasik surgery in India has (1)_ over a dozen surgical instruments. When (2)_____ senior eye surgeon at Max Eye Care started Lasik, there were (3)_____ surgeons doing it worldwide and no (4) instruments were available either. "As I want things (5)______, I designed a whole slew of instruments that made my surgery more efficient," says Banaji.

SubQuestion No: 18

Q.18 Select the most appropriate option to fill in blank no. 3.

2. little

Question ID: 8161616464 Status: Answered Chosen Option: 4

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Necessity, they say, is the mother of invention. Dr Burjor P Banaji, pioneer of Lasik surgery in India has (1)_____ over a dozen surgical instruments. When (2)_____ senior eye surgeon at Max Eye Care started Lasik, there were (3) _____ surgeons doing it worldwide and no (4)_ instruments were available either. "As I want things (5)_____, I designed a whole slew of instruments that made my surgery more efficient," says Banaji.

SubQuestion No: 19

Q.19 Select the most appropriate option to fill in blank no. 4.

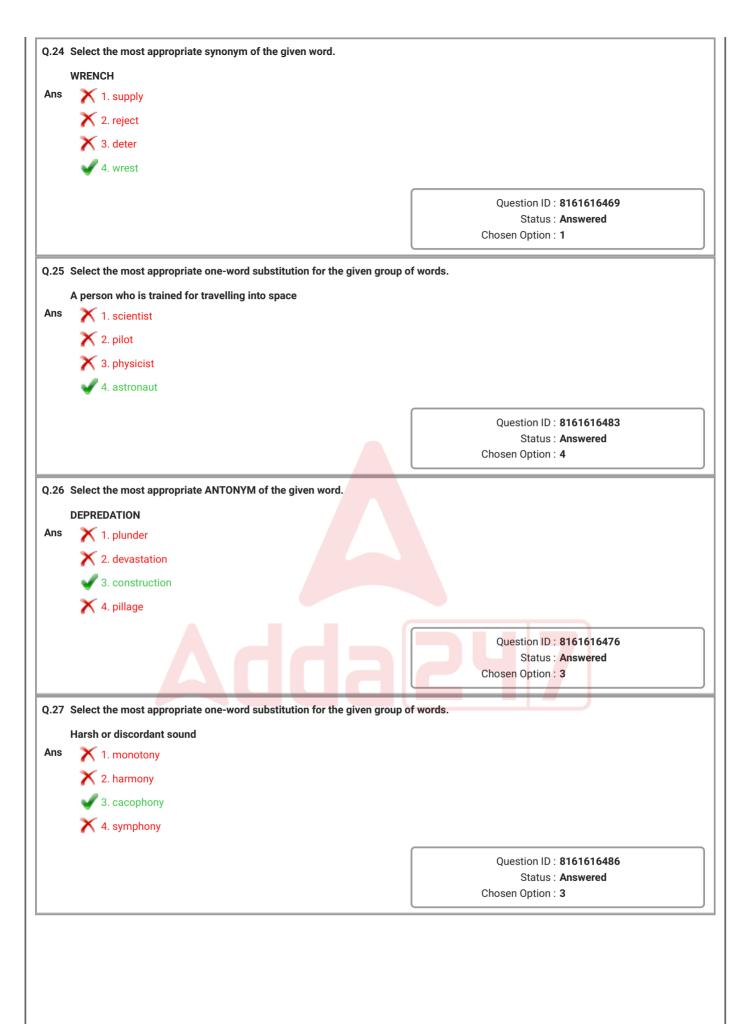
Ans

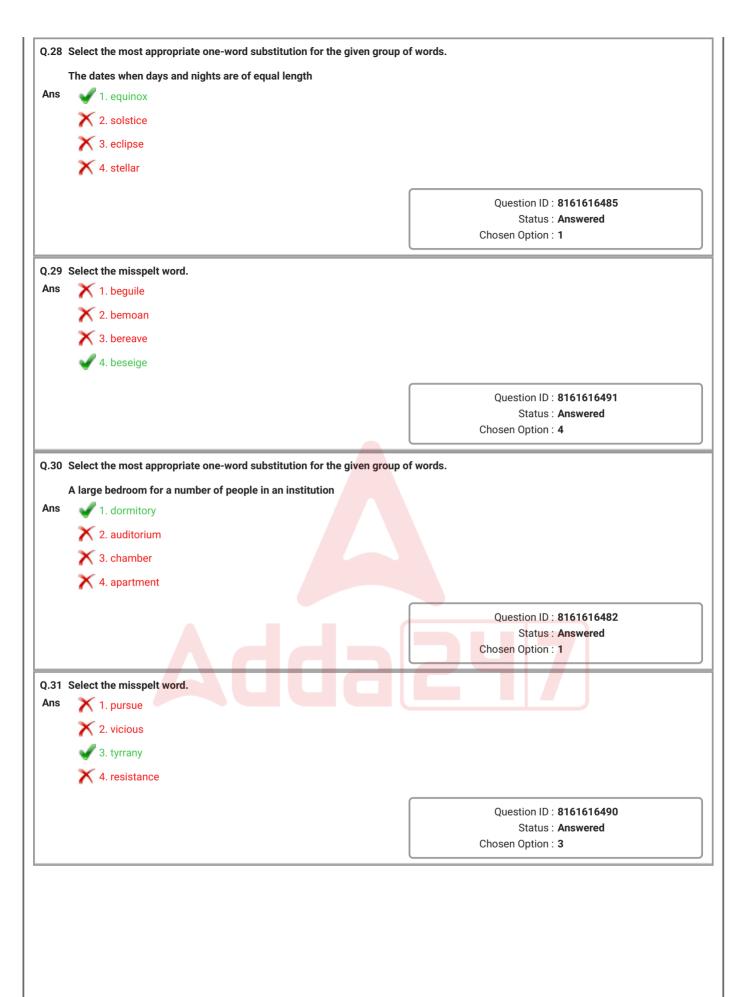
4. correct

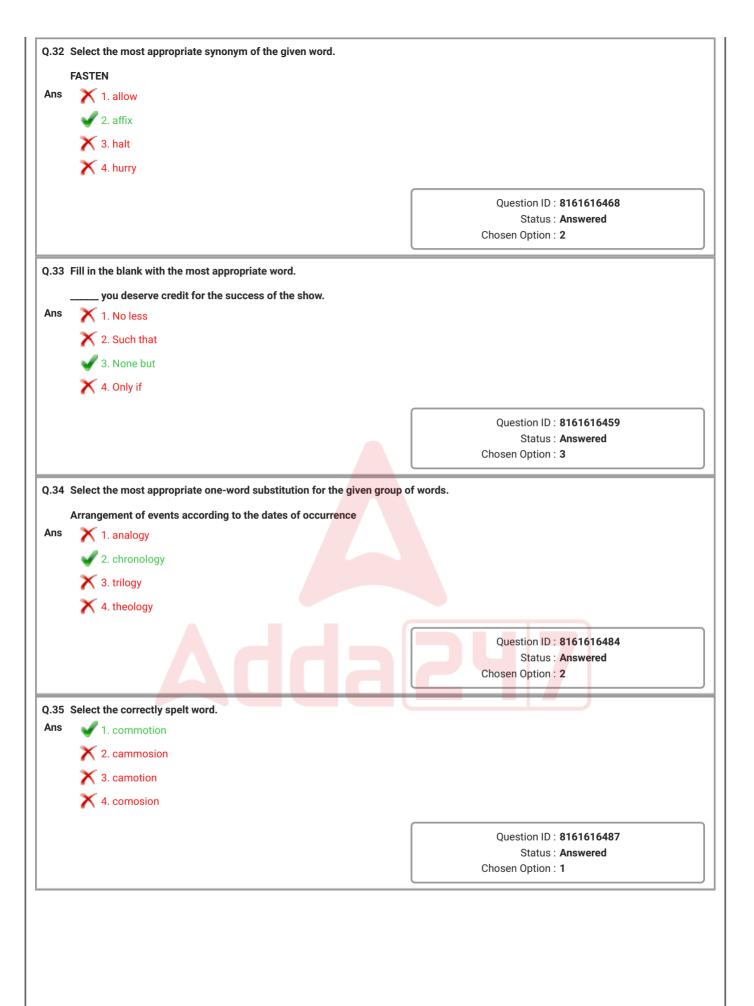
Question ID: 8161616465 Status: Answered

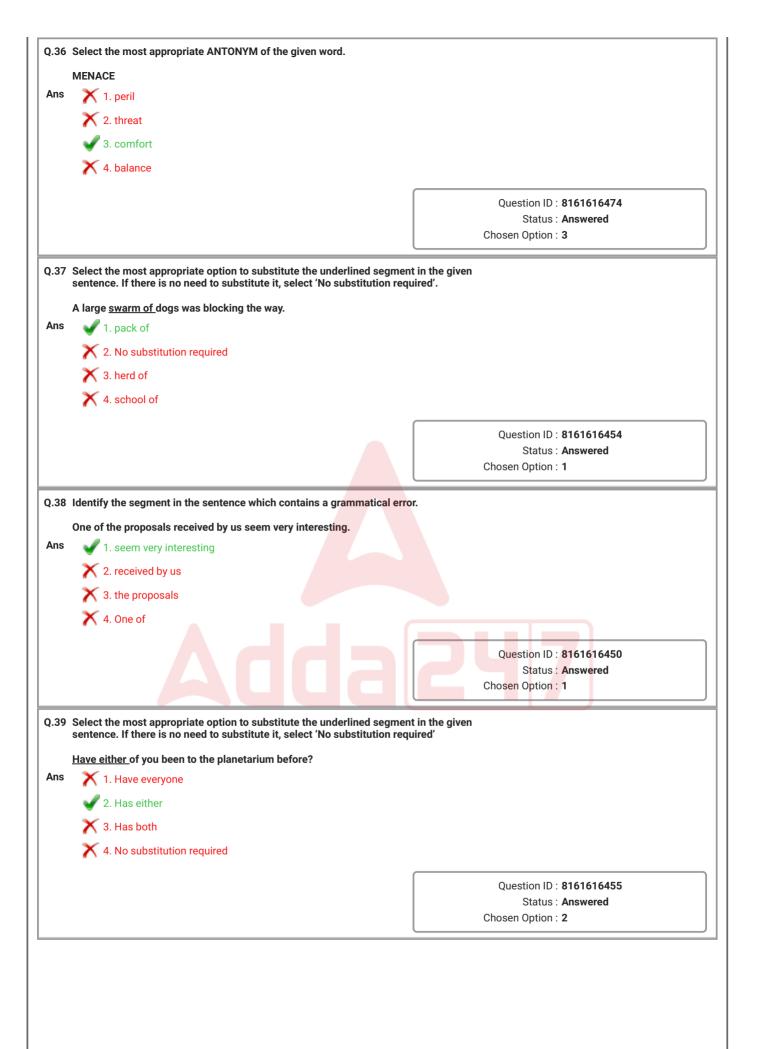
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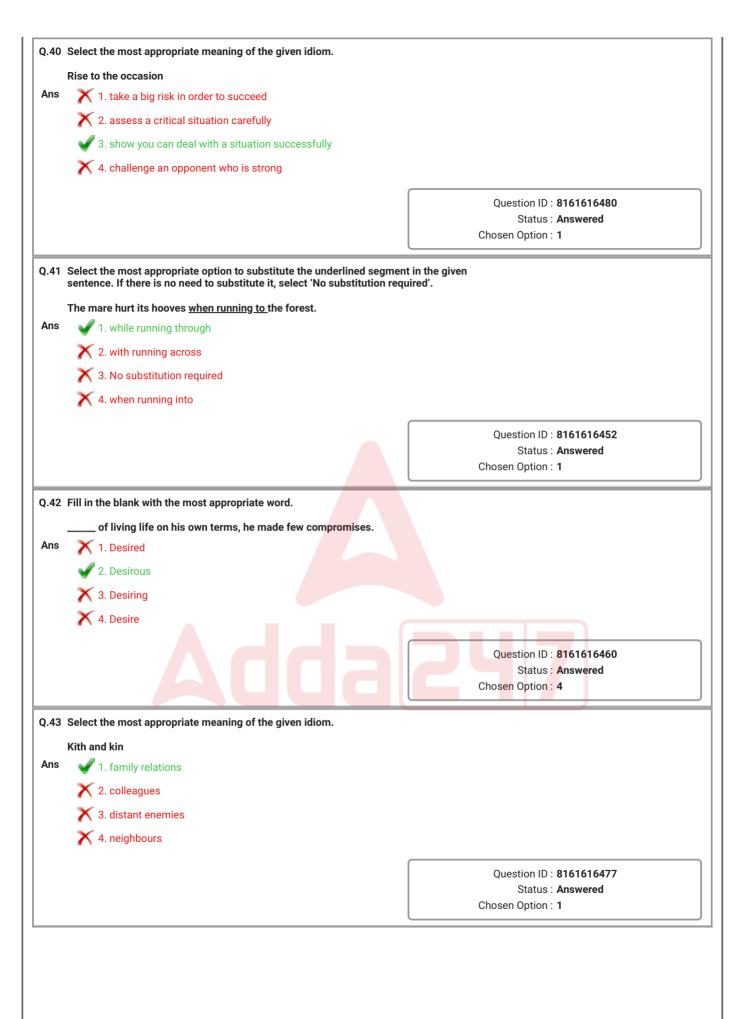
Question ID : **8161616470** Status : **Answered**

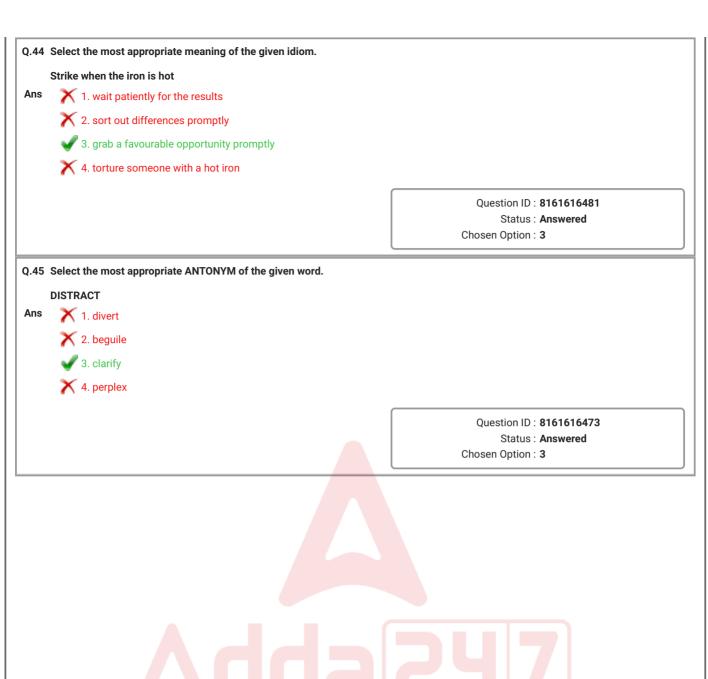














Read the passage and answer the questions that follow.

Greek religious traditions encompassed a large pantheon of gods, complex mythologies, rituals and cult practices. Greece was a polytheistic society, and looked to its gods and mythology to explain natural mysteries as well as current events. Religious festivals and ceremonies were held throughout the year, and animal sacrifice and votive offerings were popular ways to appease and worship the gods. Religious life, rituals and practices were one of the unifying aspects of Greece across regions and poleis (cities, or city-states, such as Athens and Sparta).

Greek gods were immortal beings who possessed human-like qualities and were represented as completely human in visual art. They were moral and immoral, petty and just, and often vain. The gods were invoked to intervene and assist in all matters large, small, private and public.

City-states claimed individual gods and goddesses as their patrons. Temples and sanctuaries to the gods were built in every city. Many cities became cult sites due to their connection with a god or goddess and specific myths. For instance, the city of Delphi was known for its oracle and sanctuary of Apollo, because Apollo was believed to have killed a dragon that inhabited Delphi.

The history of the Greek pantheon begins with the primordial deities Gaia (Mother Earth) and Uranus (Father Sky), who were the parents of the first of twelve giants known as Titans. Among these Titans were six males and six females. The males were named Oceanus, Hyperion, Coeus, Crius, Iapetus, and Kronos. The females were named Themis, Mnemosyne, Tethys, Theia, Phoebe, and Rhea.

Kronos eventually overthrew Uranus and ruled during a mythological Golden Age. Over time, he and Rhea had twelve children who would become the Olympian gods. However, Kronos heard a prophecy that his son would overthrow him, as he did to Uranus. In an effort to avert fate, he ordered Rhea to allow him to devour each of the children upon their birth. Best known among the pantheon are the twelve Olympian gods and goddesses who resided on Mt. Olympus in northern Greece. Zeus, the youngest son of Rhea and Kronos, was hidden from his father, instead of being swallowed. Once he became a man, he challenged his father's rule, forcing Kronos to regurgitate the rest of his swallowed children. These children were Zeus's siblings, and together they overthrew Kronos, making Zeus the father of gods and men.

SubQuestion No: 46

Q.46 Kronos devoured his children at birth because:

Δns

\chi 1. he was a titan who hated children

2. it was a cult practice to please the gods

3. his son was predicted to overthrow him

X 4. he did not have faith in his wife

Question ID: 8161616496

Status : Answered

Read the passage and answer the questions that follow.

Greek religious traditions encompassed a large pantheon of gods, complex mythologies, rituals and cult practices. Greece was a polytheistic society, and looked to its gods and mythology to explain natural mysteries as well as current events. Religious festivals and ceremonies were held throughout the year, and animal sacrifice and votive offerings were popular ways to appease and worship the gods. Religious life, rituals and practices were one of the unifying aspects of Greece across regions and poleis (cities, or city-states, such as Athens and Sparta).

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SubQuestion No: 47

Q.47 The twelve Olympian Gods and Goddesses were the children of:

Ans

\chi 1. Gaia and Uranus

2. Kronos and Rhea

X 3. Zeus and Phoebe

4. Hyperion and Theia

Question ID: 8161616494

Status : Answered

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SubQuestion No: 48

Q.48 How did Zeus bring back his siblings?

1. by making Kronos vomit the swallowed children

2. by worshipping the sanctuary of Apollo

3. by reviving them with an elixir

4. by challenging and slaying Crius

Question ID: 8161616497

Status: Answered

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SubQuestion No: 49

Q.49 Which of the following statements about Greek Gods is NOT true?

Ans

X 1.

1. Some of them were immoral, petty and vain.



2. Greek Gods were mortals.

X 3

3. They possessed human qualities.

X

4. They were invoked to aid in all matters.

Question ID: 8161616495

Status : Answered

Read the passage and answer the questions that follow.

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SubQuestion No: 50

Q.50 Animal sacrifices were made to Gods to:

Δns

🖊 1. pacify and worship them

X 2. understand nature's mysteries

X 3. know about future events

4. enrage and challenge them

Question ID: 8161616493

Status : Answered