## Recruitment of SI in CAPFs ASI in CISF and SI in Delhi Police Examination 2020 Paper I

Roll No.	
Candidate Name	indiangovermentiehe com
Venue Name	indiangovermentjobs.co
Exam Date	
Exam Time	3:00 PM - 5:00 PM
Subject	SI CPO Examination 2020

Section: General Intelligence and Reasoning

Q.1 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

12	9	16
9	3	27
14	?	28



× 2. 11

X 3. 9

Question ID: 6549782688 Status: Not Answered

Chosen Option: --

Q.2 Pointing to a portrait of a lady, Kanika said, "Her daughter-in-law is the wife of my son's grandfather's only son." How is the lady in the portrait related to Kanika?

Ans

√ 1. Mother-in-law

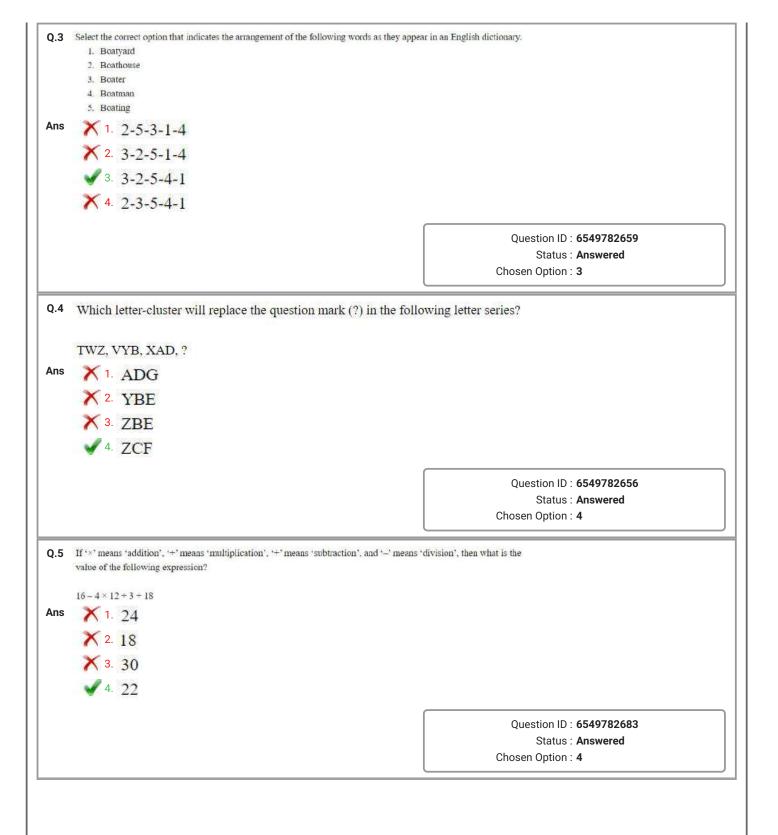
× 2. Mother

X 3. Paternal aunt

X 4. Sister-in-law

Question ID: 6549782672

Status: Marked For Review



Q.6 Select the Venn diagram that best illustrates the relationship between the following classes.

Teachers, Guitarists, Students

Ans









Question ID : 6549782704 Status : Answered Chosen Option : 2

Q.7 Which two digits and signs can be interchanged so as to balance the given equation?

 $25 - 9 + 42 \div 6 \times 7 = 17$ 

Ans

Question ID : **6549782685** Status : **Answered** 

Chosen Option: 4

Q.8 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

48:60

Ans

X 1. 64:72

× 2. 98:114

X 3. 78:94

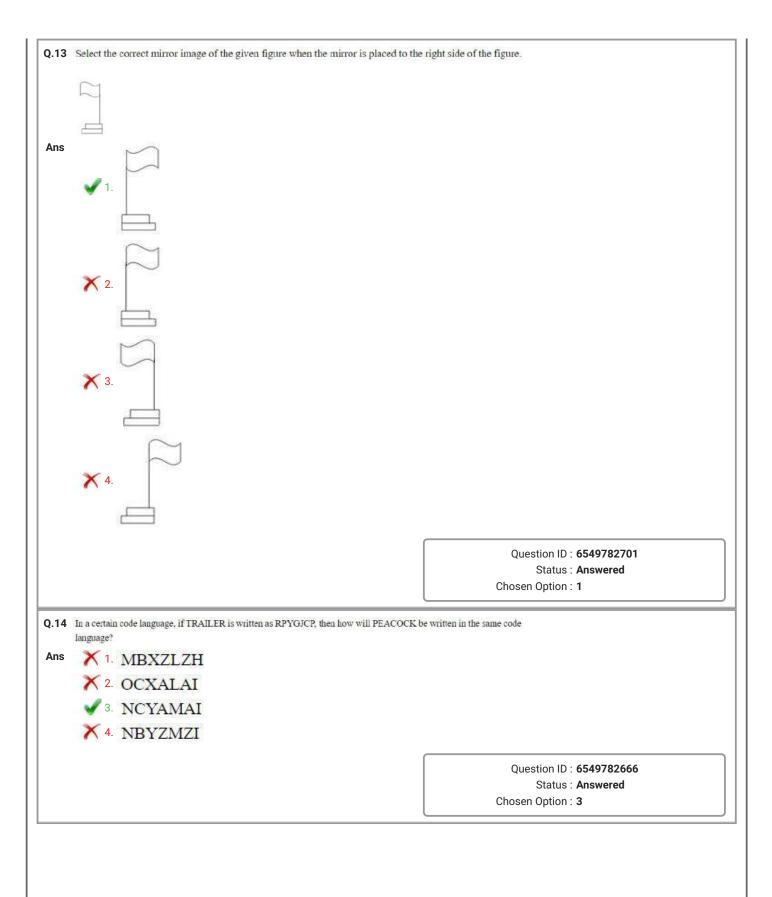
**4** 86 : 100

Question ID : 6549782682 Status : Not Answered

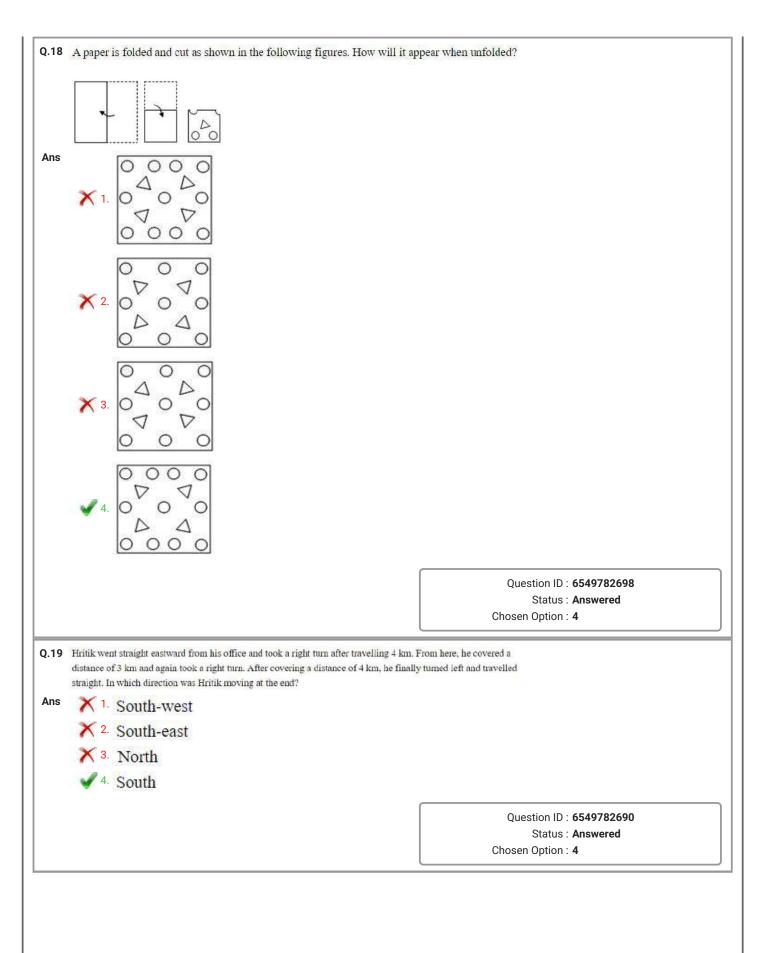
Ans **X** 3. 47 **X** 4. 52 Question ID: 6549782686 Status: Answered Chosen Option : 1 Q.10 A paper is folded and cut as shown in the following figures. How will it appear when unfolded? Ans Question ID: 6549782697 Status: Answered Chosen Option: 4

Q.9 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

Q.11 Which number will replace the question mark (?) in the following number series? 52, 42, 34, 28, ? Ans 🗸 1. 24 × 2. 22 X 3. 26 X 4. 28 Question ID: 6549782675 Status: Answered Chosen Option: 1 Q.12 Six persons P, Q, R, S, T and U were sitting around a hexagon table facing the centre. U was sitting opposite to P, who was to the immediate left of R. S was sitting to the immediate right of U, and T was exactly between P and S. What was the sitting location of Q? X 1 Immediate left of P 2. Opposite to T X 3. Opposite to S X 4. Opposite to R Question ID: 6549782670 Status: Answered Chosen Option : 2



Q.15 Which number will replace the question mark (?) in the following number series? 124, 140, 128, 136, 132, ? Ans **1.** 132 X 2. 136 X 3. 130 X 4. 128 Question ID: 6549782677 Status: Answered Chosen Option: 1 Q.16 Which letter-cluster will replace the question mark (?) in the following series? KAP, MIN, IUR, OEL, GOT, ? Ans X 1. PUJ V 2. QAJ X 3. PAK X 4. QUK Question ID: 6549782657 Status: Not Answered Chosen Option: --Q.17 A tap can fill up a tank of 1250 litres in 4 hours, whereas another tap can fill the same tank in 8 hours. An outlet tap can empty that tank in 6 hours. If all the three taps are opened simultaneously, then how much time will it take to fill the tank completely? × 1. 4.2 hours × 2. 5 hours X 3. 4.5 hours √ 4. 4.8 hours Question ID: 6549782681 Status: Not Answered Chosen Option: --



Q.20 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 bats are sticks. No stick is a ball.

## Conclusions:

I. No bat is a ball.

II. No ball is bat.

Neither conclusion I nor II follows.

2. Only conclusion I follows.

3. Only conclusion II follows.

4. Both conclusions I and II follow.

Question ID: 6549782674 Status: Answered Chosen Option: 2

Q.21 Which number will replace the question mark (?) in the following number series?

5, 24, 61, 122, 213, ?

Ans X 1. 343

X 2. 337

X 3. 346

4. 340

Question ID: 6549782678 Status: Not Answered

Chosen Option: --

Q.22 While going to school, Rohit goes straight for 2 km from his house, then takes a left turn and travels 4 km. From here, he takes a right turn, and after covering 2 km, he again turns right and finally travels 2 km to reach the school. If he was finally traveling towards the West, in which direction is his house from the school?

1. North

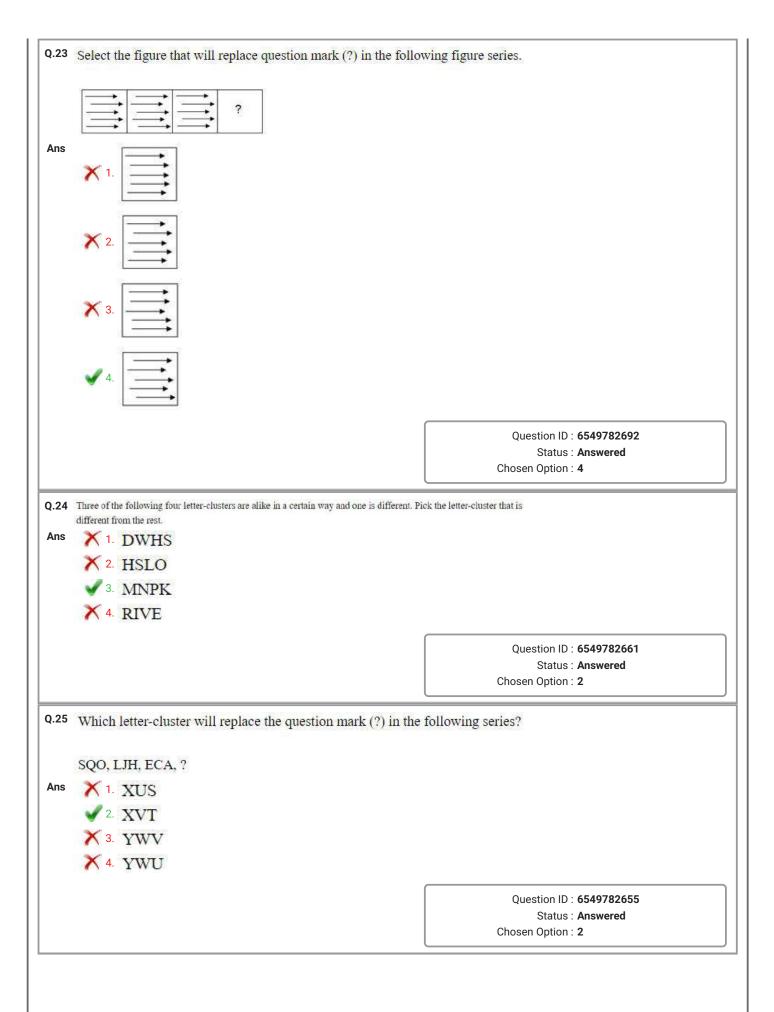
X 2. South-west

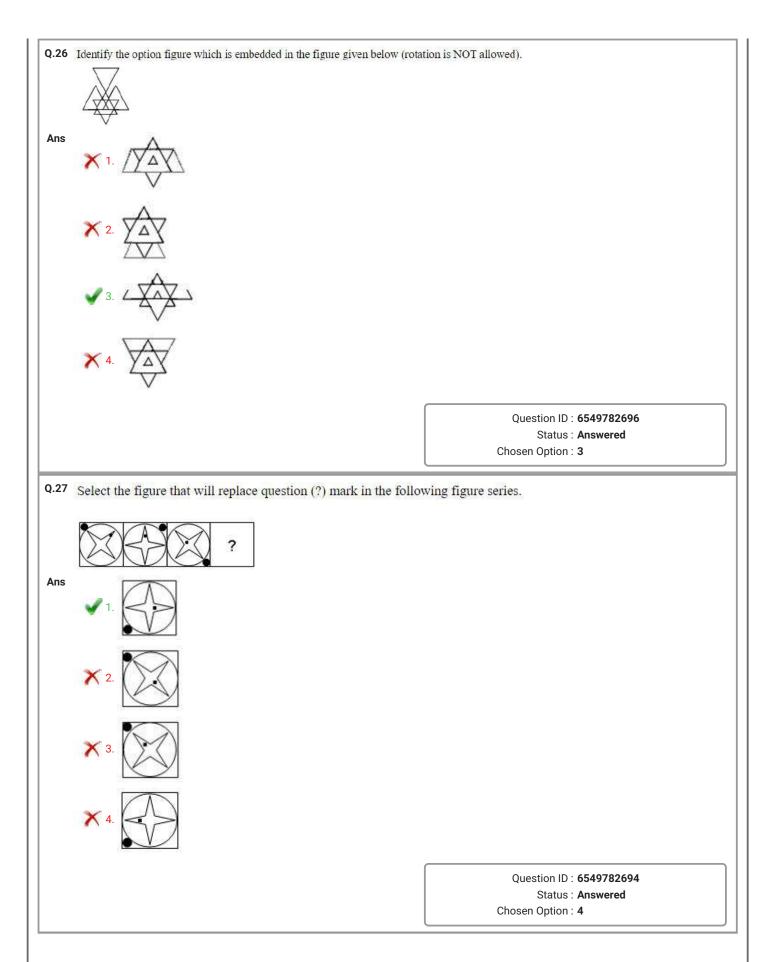
X 3. West

4. North-west

Question ID: 6549782691

Status: Answered





Q.28 Which number will replace the question mark (?) in the following number series?

5, 17, 53, ?, 485

Ans

X 1. 163

X 2. 157

X 3. 159

V 4. 161

Question ID: 6549782676 Status: Not Answered

Chosen Option: --

Q.29 If in a coding system, SUBSTANCE is coded as 101 and SUPREME is coded as 94, then how will PORTRAIT be coded in the same coding system?

Ans

X 1. 116



X 3. 115

X 4. 117

Question ID: 6549782668

Status : Answered

Chosen Option: 4

Q.30 Rohit is ranked 18<sup>th</sup> from the top in his class. When counted from the bottom, he is ranked 36<sup>th</sup>. What is the total number of students in the class?

Ans

X 1. 55



X 3. 52

X 4. 54

Question ID: 6549782669

Status : **Answered** 

Chosen Option : 2

Q.31 Select the correct sequence of mathematical signs to replace the \* signs so as to balance the given equation.

24\*4\*16\*4\*15 = 85

Ans

Question ID: 6549782684

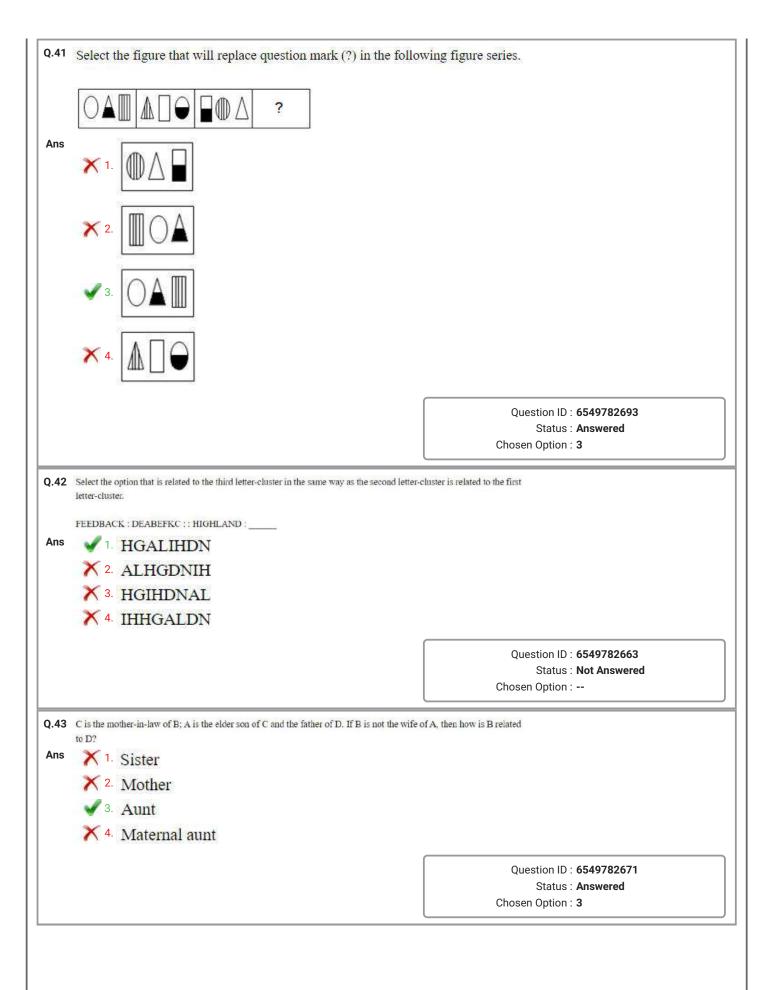
Status: Answered

Q.32	In a certain coding system, 'mango is sweet' is coded as '629', 'mango tree is tall' is coded healthy' is coded as '5287'. What is the code for 'healthy' in this coding system?	as '7289', and 'tall tree is
Ans	<b>▼</b> 1. 2	
	× 2. 8	
	<b>×</b> 3. 7	
	<b>✓</b> 4. 5	
		Question ID : <b>6549782664</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Giloseli option: 4
Q.33	Select the option that is related to the third letter-cluster in the same way as the second letter-cluster.	luster is related to the first
	RUBBER: BURREB::CATTLE:	
Ans	X 1. TACTLE	
	✓ 2. TACELT	
	X 3. ACTTEL	
	× 4. ELTTAC	
		Question ID : 6549782662
		Status : <b>Answered</b> Chosen Option : <b>2</b>
0.34		
Q.54	उस वेन आरेख का चयन करें, जो निम्न वर्गों के बीच संबंध को सर्वश्रेष	ठ रूप स देशाता ह।
_	फसलें, खेत, जौ	
Ans	<b>×</b> 1.	
	$\sim$	
	<b>×</b> 2. (OO)	
	<b>★</b> 3.	
	<b>4</b> . (())	
		Question ID : <b>6549782703</b>
		Status: Answered
		Chosen Option : 4

Q.35 In a certain code language, if CARPENTER is written as ACEENPRRT, then how will BLACKSMITH be written in the same code language? Ans X 1 LBCASKIMHT X 2. ALBSKCIMHT √ 3. ABCHIKLMST X 4. CALBIMKSTH Question ID: 6549782667 Status: Not Answered Chosen Option: --Q.36 Select the correct option that indicates the arrangement of the following terms in a logical and meaningful order. 1. Myna 2. Kite 3. Hummingbird 4. Koel 5. Bulbul Ans √ 1. 3-5-1-4-2 X 2. 3-5-4-1-2 X 3. 3-5-1-2-4 X 4. 5-3-1-4-2 Question ID: 6549782658 Status: Not Answered Chosen Option: --Q.37 The total of the ages of four persons is 86 years. What was their average age 4 years ago? X 1. 20.5 years X 2. 19.5 years X 3. 20 years 4. 17.5 years Question ID: 6549782679 Status: Answered Chosen Option: 4 Q.38 Study the given pattern carefully and select the number that can replace the question mark (?) in it. 36 49 43 42 64 ? 24 36 30 Ans X 1. 38 X 2. 32 **3**. 34 X 4. 36 Ouestion ID: 6549782689 Status: Not Answered Chosen Option: --

ns	X 1. 765	
	× 2. 476	
	<ul><li>✗ 3. 785</li><li>✓ 4. 876</li></ul>	
	4. 8/0	
		Question ID : <b>6549782665</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
_	085001 1080-1090 - 1017 Jr. 1017 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018 - 1018	5 - MO 15 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -
0	Identify the option in which the following figure is em	bedded (rotation is NOT allowed).
	>	
S		
	<b>X</b> 1.	
	2.	
	<b>×</b> 3.	
	<b>×</b> 4.	
		Question ID : <b>6549782695</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		onosen option . 2

Q.39 In a certain coding system, 'Watches are beautiful' is coded as '856', 'Beautiful things are expensive' is coded as '3845', and 'Expensive things are preferred' is coded as '3874'. How will 'Watches are preferred' be coded in this coding system?



Q.44 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 wolfs are dogs.

All dogs are jackals.

## Conclusions:

I. All wolfs are jackals.

II. All jackals are wolfs.

Ans

- Neither conclusion I nor II follows.
- × 2. Both conclusions I and II follow.
- 3. Only conclusion II follows.
- 4. Only conclusion I follows.

Question ID: 6549782673 Status: Answered

Chosen Option: 4

Q.45 Three different positions of the same dice are shown. Find the number on the face opposite to the one having the number 1.



Ans

**(** 1. 2

**2**. 2

X 3. 3

X 4. 6

Question ID: 6549782699

Status: Answered

Chosen Option: 2

Q.46 Three different positions of the same dice are shown. Find the letter on the face opposite to the one having the letter A.



Δns

X 1. F

X 2. ]

X 3. D

√ 4. C

Question ID: 6549782700

Status: Answered

Q.47	The cost of four cycle tyres and three tubes is ₹720, whereas the cost of three cycle tyres and four tubes is ₹610. What is the cost of a tube?	
Ans	<b>X</b> 1. ₹42	
	<b>×</b> 2. ₹50	
	<b>√</b> 3. ₹40	
	<b>X</b> 4. ₹45	
		Question ID : <b>6549782680</b>
		Status : <b>Answered</b> Chosen Option : <b>3</b>
Q.48	Study the given pattern carefully and select the number that can replace the	ne question mark (?) in it.
	12 9 14 6 ? 8	
	7 10 4 14 18 7	
Ans	X 1. 8	
	<ul><li>★ 2. 6</li><li>★ 3. 7</li></ul>	
	<b>√</b> 4. 5	
	2010	
		Outsetion ID + 65 40702607
		Question ID : 6549782687 Status : Not Answered
Q.49	Select the correct mirror image of the given figure when the mirror is placed to	Status : Not Answered Chosen Option :
Q.49		Status : Not Answered Chosen Option :
Q.49		Status : <b>Not Answered</b> Chosen Option :
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status : Not Answered Chosen Option :
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status : <b>Not Answered</b> Chosen Option :
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status : <b>Not Answered</b> Chosen Option :
		Status : <b>Not Answered</b> Chosen Option :
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status : <b>Not Answered</b> Chosen Option :
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status: Not Answered Chosen Option:  the right side of the figure.  Question ID: 6549782702 Status: Answered
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status: Not Answered Chosen Option:  the right side of the figure.  Question ID: 6549782702
	љé∀ <b>X</b> ¹ <b>∀Áď</b>	Status: Not Answered Chosen Option:  the right side of the figure.  Question ID: 6549782702 Status: Answered

<b>2.30</b>	O Three of the following four letter-clusters are alike in a certain way and one is different. Pick the letter-cluster that is different from the rest.	
Ans	TO AND THE SECOND PROPERTY OF THE SECOND PROP	
✓ 2. SPLI		
	X 3. WTQN	
	X 4. OLIF	
	A. OLIF	
		Question ID : <b>6549782660</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen Option . 2
ectio	on : <b>General Knowledge and General Awareness</b>	
).1	With which of the following sports are the teams 'Chenna and 'Mumbai Rockets' associated?	i Superstarz', 'Awadhe Warriors'
ıns	X 1. Kabaddi	
	2. Badminton	
	X 3. Football	
	X 4 Hockey	
	X 4. Hockey	
	4. Hockey	Question ID : <b>6549782752</b>
	X 4. Hockey	Status : <b>Answered</b>
Q.2	At the 65th Filmfare Awards, the film 'Gully Boys' did NO	Status : Answered Chosen Option : 2
		Status : Answered Chosen Option : 2
	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role	Status : Answered Chosen Option : 2
	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role	Status : Answered Chosen Option : 2  Win the award for which of the  Question ID : 6549782741 Status : Answered
Q.2 Ans	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role	Status : Answered Chosen Option : 2  Twin the award for which of the  Question ID : 6549782741
Ans	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film	Status : Answered Chosen Option : 2  Win the award for which of the  Question ID : 6549782741 Status : Answered Chosen Option : 2  -daulah in the Battle of Plassey
uns Q.3	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film  One of the main reasons for the defeat of Nawab Siraj-ud was that the forces led by, one of his commanders	Status : Answered Chosen Option : 2  Question ID : 6549782741 Status : Answered Chosen Option : 2  -daulah in the Battle of Plassey
uns Q.3	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film  One of the main reasons for the defeat of Nawab Siraj-ud was that the forces led by, one of his commanders  1. Mir Khalifa	Status : Answered Chosen Option : 2  Question ID : 6549782741 Status : Answered Chosen Option : 2  -daulah in the Battle of Plassey
).3	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film  One of the main reasons for the defeat of Nawab Siraj-ud was that the forces led by, one of his commanders  1. Mir Khalifa 2. Mahabat Khan	Status : Answered Chosen Option : 2  Question ID : 6549782741 Status : Answered Chosen Option : 2  -daulah in the Battle of Plassey
Q.3	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film  One of the main reasons for the defeat of Nawab Siraj-ud was that the forces led by, one of his commanders  1. Mir Khalifa 2. Mahabat Khan 3. Mir Jafar	Status : Answered Chosen Option : 2  Question ID : 6549782741 Status : Answered Chosen Option : 2  -daulah in the Battle of Plassey
	At the 65th Filmfare Awards, the film 'Gully Boys' did NOT following categories?  1. Best Director 2. Best Playback Singer (Male) 3. Best Actor in a Leading Role 4. Best Film  One of the main reasons for the defeat of Nawab Siraj-ud was that the forces led by, one of his commanders  1. Mir Khalifa 2. Mahabat Khan 3. Mir Jafar	Status: Answered Chosen Option: 2  Question ID: 6549782741 Status: Answered Chosen Option: 2  -daulah in the Battle of Plassey , never fought the battle.

Question ID: 6549782720 Status: Not Answered Chosen Option:  Question ID: 6549782735 Status: Answered Chosen Option: 3	
Question ID: 6549782735 Status: Answered Chosen Option: 3	
Question ID: 6549782735 Status: Answered Chosen Option: 3	
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Chosen Option: 3	
:	
te	
Question ID : <b>6549782730</b>	
Status : Answered	
Chosen Option : 3	
Which of the following statements is NOT true about the game of Kho Kho?	
g games of India	
2. Ten players take the field in the beginning to start the match  3. It is a team game	
try to avoid being touched by the chasers	
try to avoid being touched by the chasers	
g games of India	

Q.8	8 According to a law postulated by, the amounts of different substances liberated by the same quantity of electricity passing through the electrolytic solution are proportional to their chemical equivalent weights.		
Ans	1. John Dalton		
	X 2. Joseph Fourier		
	3. Michael Faraday		
	X 4. Alfred Nobel		
		Question ID: 6549782724 Status: Answered	
		Chosen Option : 3	
Q.9	Netaji Subhash Chandra Bose wrote the book:		
Ans	1. Poverty and Un-British Rule in India		
	2. The Indian Struggle		
	X 3. Unhappy India		
	X 4. Anandamath		
		Question ID: 6549782742	
		Status : <b>Answered</b>	
).10	Bhootada Kola is a spiritual folk dance in which some rituals inv	Chosen Option : 2	
		Chosen Option : 2	
).10 Ans	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka	Chosen Option : 2  olve walking on a bed of hot	
	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka	Chosen Option : 2	
	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka	Chosen Option : 2  Polve walking on a bed of hot  Question ID : 6549782709	
Ans	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka	Chosen Option : 2  olve walking on a bed of hot  Question ID : 6549782709  Status : Not Answered	
.11	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka  4. Andhra Pradesh  The Ashok Chakra Class-III was renamed as the in 1967.  1. Vir Chakra	Chosen Option : 2  olve walking on a bed of hot  Question ID : 6549782709  Status : Not Answered	
Ans	coal and is practised in coastal districts of  1. Kerala  2. Tamil Nadu  3. Karnataka  4. Andhra Pradesh  The Ashok Chakra Class-III was renamed as the in 1967.  1. Vir Chakra  2. Mahavir Chakra	Chosen Option : 2  olve walking on a bed of hot  Question ID : 6549782709  Status : Not Answered	

.12 In India, tertiary coals occur in Assam, Arunachal Pradesh, Nagaland and		
ns X 1. Mizoram		
2. Gujarat		
X 3. Tripura		
4. Meghalaya		
	Question ID : 6549782732 Status : Not Answered	
	Chosen Option :	
13 Gandhiji's first major public appearance was at the opening of the Banaras Hindu University (BHU) in		
Ans		
2. September 1915		
X 3. December 1917		
4. February 1916		
	Outstian ID : 6540700724	
	Question ID: 6549782734 Status: Answered	
	Chosen Option : 2	
Q.14 The picture shown here is the symbol of the		
Q.14 The picture shown here is the symbol of the		
Aunu		
Ans X 1. Samajwadi Party		
2. Janata Dal (United)		
3. All India Trinamool Congress		
4. Communist Party of India Marxist		
	Question ID : 6549782748 Status : Answered	
	Chosen Option : 2	
Q.15 In pre-independent India, Dadabhai Naoroji was the first to discuss the Ans 1. bread line	concept of a	
2. subsistence level		
3. poverty line		
X 4. living wage		
	Question ID : <b>6549782713</b>	
	Status : Answered	
	Chosen Option : 3	

Q.16	16 Name the scheme launched by the Government of India in 2015–16 with an aim to ensure water security through per capita availability of water in the country.	
Ans	1. Jal Kranti Abhiyan	
	2. Polavaram Project	
	X 3. Atal Bhujal Yojana	
	X 4. Namami Gange	
		Question ID : <b>6549782728</b>
		Status : Answered
		Chosen Option : 3
Q.17		equinox in March
Ans	every year and is celebrated by Parsis in India.  1. Pateti	
	2. Jamshedi Navroz	
	3. Khordad Sal	
	X 4. Frawardigan	
	andaga.	
		Question ID : <b>6549782707</b>
		Status : Not Answered Chosen Option :
	Actor Kamal Haasan is the Founder President of the political party	<b>-</b> -
Ans	X 1. Dhiravida Thelugar Munnetra Kalagam	
	2. Marumalarchi Thamizhakam	
	3. Makkal Needhi Maiam	
	X 4. Thayaka Marumalarchi Kazhagam	
		Question ID : <b>6549782750</b>
		Status : Not Answered
		Chosen Option :
Q.19	solids are formed by the three-dimensional arrangements of cati bound by strong coulombic (electrostatic) forces.	ons and anions
Ans	X 1. Metallic	
	× 2. Covalent	
	3. Ionic	
	X 4. Molecular	
		Question ID : 6549782725
		Status : <b>Answered</b> Chosen Option : <b>3</b>

	With which of the following sports are the teams 'Bengal Warriors', 'H 'Bengaluru Bulls' associated?	aryana otosioro ana
Ans	X 1. Hockey	
	× 2. Cricket	
	3. Kabaddi	
	X 4. Football	
	112-0	
		Question ID : 6549782751 Status : Answered
		Chosen Option: 3
Q.21	is one of the important crafts of Uttar Pradesh which entails de embroidery on fabrics like chiffon, muslin, organza, organdie and silk	licate traditional hand
Ans	1. Crochet	
	X 2. Needle lace	
	3. Chikankari	
	X 4. Knitting	
		Question ID : <b>6549782705</b>
		Status : Answered
		Status . Allsweieu
Q.22 Ans	Former cricketer Gautam Gambhir contested the Lok Sabha elections constituency on a Bharatiya Janata Party ticket.  1. South Delhi	Chosen Option : 3
	constituency on a Bharatiya Janata Party ticket.	Chosen Option : 3
	constituency on a Bharatiya Janata Party ticket.  1. South Delhi 2. New Delhi 3. East Delhi	Chosen Option : 3
	constituency on a Bharatiya Janata Party ticket.  1. South Delhi 2. New Delhi 3. East Delhi	Chosen Option : 3  , 2019, from the  Question ID : 6549782749
	constituency on a Bharatiya Janata Party ticket.  1. South Delhi 2. New Delhi 3. East Delhi	Chosen Option : 3
Ans	constituency on a Bharatiya Janata Party ticket.  1. South Delhi 2. New Delhi 3. East Delhi	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1
Ans	constituency on a Bharatiya Janata Party ticket.  ** 1. South Delhi  ** 2. New Delhi  ** 3. East Delhi  ** 4. West Delhi  ** 4. West Delhi  कैक्टीरिया, वायरस, कवक, प्रोटोजोआ, कृमि, आदि जैसे जीवों को क्या कहते हैं, जि	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1
Ans Q.23	constituency on a Bharatiya Janata Party ticket.  1. South Delhi  2. New Delhi  3. East Delhi  4. West Delhi  बैक्टीरिया, वायरस, कवक, प्रोटोजोआ, कृमि, आदि जैसे जीवों को क्या कहते हैं, जिल्होते हैं?	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1
Ans	constituency on a Bharatiya Janata Party ticket.  1. South Delhi 2. New Delhi 3. East Delhi 4. West Delhi  बैक्टीरिया, वायरस, कवक, प्रोटोजोआ, कृमि, आदि जैसे जीवों को क्या कहते हैं, जिल्होते हैं?  1. परभक्षी	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1
Ans	constituency on a Bharatiya Janata Party ticket.  1. South Delhi  2. New Delhi  3. East Delhi  4. West Delhi  वैक्टीरिया, वायरस, कवक, प्रोटोजोआ, कृमि, आदि जैसे जीवों को क्या कहते हैं, जिहोते हैं?  1. परभक्षी  2. प्रतिजन	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1
Ans	constituency on a Bharatiya Janata Party ticket.  1. South Delhi  2. New Delhi  3. East Delhi  4. West Delhi  1. Urvual  1. Urvual  2. प्रतिजन  3. फल-भक्षी	Chosen Option : 3  Question ID : 6549782749     Status : Answered     Chosen Option : 1
Ans	constituency on a Bharatiya Janata Party ticket.  1. South Delhi  2. New Delhi  3. East Delhi  4. West Delhi  1. Urvual  1. Urvual  2. प्रतिजन  3. फल-भक्षी	Chosen Option : 3  Question ID : 6549782749 Status : Answered Chosen Option : 1

Q.24	.24 Maria Irudayam, who is a two-time world champion and a nine-time national champion, is associated with the game of		
Ans	X 1. table tennis		
	2. carrom		
	X 3. chess		
	× 4. badminton		
		0 11 15 45 45 45 45 45	
		Question ID: 6549782753 Status: Not Answered	
		Chosen Option :	
0.25	Neeru-Meeru is a watershed management programme in the state of		
Ans	× 1. Odisha	<del></del>	
	× 2. Rajasthan		
	3. Andhra Pradesh		
	X 4. Maharashtra		
	• •		
		Question ID : 6549782727	
		Status : <b>Not Answered</b> Chosen Option :	
Q.26 Ans	is a situation of very low rate of interest in the economy where every expects the interest rate to rise in future and consequently bond prices capital loss.  1. Liquidity trap 2. Revenue deficit		
	X 3. Parametric shift		
	X 4. Paradox of thrift		
		Question ID : <b>6549782714</b>	
		Status: Not Answered	
		Chosen Option :	
Q.27	Muzaffar Hussain Baig who was awarded the Padma Bhushan in 2020 i	s a member of the	
Ans	1. National Panthers Party		
	2. Jammu Republic Party		
	X 3. National Democratic Party		
	4. Peoples Democratic Party		
		Question ID : <b>6549782747</b>	
		Status : <b>Not Answered</b> Chosen Option :	
		555 Spilo	

Q.28	Q.28 waves include visible light waves, X-rays,gamma rays, radio waves, microwaves, ultraviolet and infrared waves.		
Ans	1. Electromagnetic		
	2. Mechanical		
	X 3. Magnetic		
	X 4. Electric		
		Quarties ID 46540700715	
		Question ID : <b>6549782715</b> Status : <b>Answered</b>	
		Chosen Option : 1	
Q.29	A policy which involves fixing the maximum size of land which could be individual is called	owned by an	
Ans	1. land ceiling		
	2. land capping		
	X 3. land mapping		
	X 4. land jamming		
		Question ID : <b>6549782710</b>	
		Status : <b>Answered</b>	
		Chosen Option : 3	
Q.30 Ans	surface and atmosphere.		
		Question ID : <b>6549782719</b> Status : <b>Answered</b>	
		Chosen Option : 1	
	Solubility of gases in liquids with decrease in temperature.		
Ans	1. remains constant		
	2. first decreases and then increases		
	3. increases  4. decreases		
	4. decreases		
		Question ID : 6549782721 Status : Not Answered Chosen Option :	

S	X 1. Foreign Affairs		
	2. Health and Family Welfare  3. Housing  4. Arts and Culture		
		Question ID : <b>6549782746</b>	
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
		Chosen option. 2	
33	are also known as heat waves.		
ns	1. Infra-red waves		
	X 2. Gamma rays		
	X 3. Light waves		
	X 4. X-rays		
	· ·		
		Question ID : <b>6549782716</b> Status : <b>Answered</b>	
		Chosen Option : 3	
Ans	<ul><li>1. Nirmala Sitharaman</li><li>2. Subrahmanyam Jaishankar</li><li>3. Ravi Shankar Prasad</li></ul>		
	X 4. Nitin Jairam Gadkari		
		Question ID : <b>6549782745</b>	
		Status: Answered	
		Chosen Option : 2	
).35	In a galvanic cell, the half-cell in which oxidation take negative potential with respect to the solution.	s place is called and it has a	
Ans	X 1. cathode		
	× 2. diode		
	X 3. triode		
	4. anode		
	•		
		Question ID : <b>6549782722</b>	
		· · · · · · · · · · · · · · · · · · ·	
		Status : Answered Chosen Option : 4	

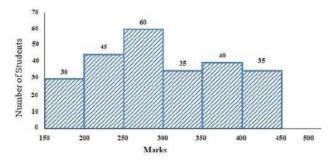
Ans	X 1. Public Affairs		
	<ul> <li>2. Art-Vocals-Folk</li> <li>3. Trade and Industry - Infrastructure</li> <li>4. Art-Acting-Theatre</li> </ul>		
		Question ID : 6549782744 Status : Not Answered	
		Chosen Option :	
).37 '7	The Man-Eater of Malgudi' is written by:		
Ans	1. KR Narayan		
	2. RK Narayan		
	X 3. RK Laxman		
	X 4. KR Laxman		
	-		
		Question ID : <b>6549782740</b> Status : <b>Answered</b>	
		Chosen Option : 2	
	An unexpected rise in sales of a product leads to		
Ans	1. planned decumulation of inventory		
	2. unplanned decumulation of inventory		
	3. unplanned accumulation of inventory		
	X 4. planned accumulation of inventory		
		Question ID : <b>6549782712</b>	
		Status : Not Answered	
		Chosen Option :	
).39 K	Kadsa is a dance style performed by women in Jharkhand, carrying a		
Ans	1. Kalasha		
	× 2. Kamandalu		
	X 3. Kumbha		
	X 4. Kapala		
		Question ID : 6549782708	
		Status : <b>Not Answered</b> Chosen Option :	

Q.40	40 'An Enquiry into the Nature and Cause of the Wealth of Nations' is an influential work by economist	
Ans	1. Alfred Marshall	
	2. John Maynard Keynes	
	3. Millicent Fawcett	
	4. Adam Smith	
		Question ID : <b>6549782739</b>
		Status: Not Answered
		Chosen Option :
0.41	As per the 'India State of Forest Report', 2019, the total forest and tree of	cover is % of
Q.41	the total geographical area of India.	
Ans	<b>X</b> 1. 14.39	
	2. 20.39	
	3. 24.56	
	<b>X</b> 4. 29.39	
		Ouestion ID : <b>6549782729</b>
		Status : Answered
		Chosen Option : 3
	Which of the following statements is NOT true about C Rajagopalachari?	
Ans	1. He was the founder of the Swatantra Party	
	2. He was the first Indian to become the Governor General of India	
	3. He was the first recipient of the Padma Shree Award	
	X 4. He was a senior leader of the Congress	
		Question ID : <b>6549782738</b>
		Status : <b>Answered</b>
		Chosen Option : 3
Q.43	43Law of independent migration of ions states that limiting molar conductivity of an electrolyte can be represented as the sum of the individual contributions of the anion and cation of the electrolyte.	
Ans	1. Schrödinger	
	× 2. Feynman	
	3. Kohlrausch	
	× 4. Dirac	
		0 11 12 17 17 17
		Question ID : <b>6549782723</b> Status : <b>Answered</b>
		Chosen Option: 2
		·

Q.44	Q.44 Gandhiji hoped that by coupling non-cooperation with, India's two major religious communities, Hindus and Muslims, could collectively bring an end to colonial rule.		
Ans			
	× 2. Sepoy Mutiny		
	X 3. Civil Disobedience Movement		
	4. Khilafat Movement		
		Question ID : <b>6549782733</b>	
		Status : <b>Answered</b> Chosen Option : <b>4</b>	
		опосот српом т	
Q.45	Tumours that normally remain confined to their original location and do parts of the body and cause little damage are called tumours.	not spread to other	
Ans			
	× 2. malignant		
	X 3. active		
	× 4. premalignant		
		Question ID : 6549782726	
		Status : <b>Not Answered</b> Chosen Option :	
		энгэн эриги	
Q.46	In order to overturn the British rule through arms, the Kakori Conspiracy members of the in 1925.	was planned by the	
Ans	1. Hindustan Republican Association		
	× 2. Indian National Congress		
	X 3. Indian National Army		
	X 4. Gadar Party		
		Question ID : <b>6549782736</b>	
		Status : <b>Answered</b>	
		Chosen Option : 1	
Q.47	The is a single string musical instrument made using a bamboo a used by traditional folk singers in Maharashtra.	nd a gourd, mostly	
Ans	X 1. Edakka		
	2. Ektara		
	X 3. Ekkalam X 4. Esraj		
	25(4)		
		Question ID : <b>6549782706</b>	
		Status : Answered	
		Chosen Option : 2	

Q.48	Which Indian state is bordered by Bhutan and Arunachal Pr Manipur to the east; Meghalaya, Tripura, Mizoram and Bang Bengal to the west?	
Ans	X 1. Tripura	
	× 2. Arunachal Pradesh	
	× 3. Sikkim	
	4. Assam	
		Question ID : 6549782731 Status : Answered Chosen Option : 3
Q.49 Ans	The Coinage Act, 2011, allows issue of coins up to the denoted 1. 5,000	omination of ₹ in India.
	2. 100	
	3.500	
	<b>√</b> 4. 1,000	
		Question ID : 6549782711 Status : Answered Chosen Option : 1
Q.50	The phenomenon of deviation of light rays from their origin medium to another, is called	nal path, when they pass from one
Ans	X 1. reflection	
	2. refraction	
	X 3. obstruction	
	X 4. diffraction	
		Question ID : 6549782717 Status : Answered Chosen Option : 2
Section	on : <b>Quantitative Aptitude</b>	

Q.1 Study the given histogram that shows the marks obtained by students in an examination and answer the question that follows:



The number of students who obtained less than 250 marks is what per cent more than the number of students who obtained 400 or more marks? (correct to one decimal place)

Ans

- X 1. 150%
- X 2. 175.8%
- √ 3. 114.3%
- X 4. 100%

Question ID : **6549782803** Status : **Answered** Chosen Option : **4** 

Q.2 The internal length, breadth and height of a cuboidal room are 12 m, 8 m and 10 m, respectively. The total cost (in ₹) of whitewashing only all four walls of the room at the cost of ₹25 per m², is:

Ans

- X 1. 12,600
- **2**. 10,000
- × 3. 11,400
- × 4. 18,000

Question ID : **6549782782** Status : **Answered** 

Chosen Option: 2

Q.3 If the numerator of a fraction is increased by 60% and the denominator is increased by 40%, then the resultant fraction is  $\frac{16}{63}$ . The original fraction is:

Ans

1. 5



- X 3.  $\frac{2}{11}$
- $\times$  4.  $\frac{4}{9}$

Question ID: 6549782767

Status : Answered

Q.4 Five bells ring together at the intervals of 3, 5, 8, 9 and 10 seconds. All the bells ring simultaneously at the same time.
They will again ring simultaneously after:

Ans

√ 1. 6 minutes

× 2. 8 minutes

X 3. 9 minutes

X 4. 4 minutes

Question ID : 6549782758 Status : Answered Chosen Option : 1

Q.5 The average age of 40 students of a class is 16 years. After admission of 10 new students to the class, the average becomes 15 years. If the average age of 5 of the new students is 11 years, then the average age (in years) of the remaining 5 new students is:

Ans

X 1. 10

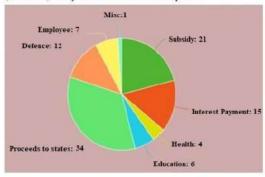
X 2. 15

X 3. 16

4. 11

Question ID : **6549782762**Status : **Answered**Chosen Option : **4** 

Q.6 The following pie chart shows percentage expenditure of a country on different heads. The total expenditure is ₹1,680 (in billions). Study the chart and answer the question.



The central angle of the sector representing expenditure on Interest payment is:

Ans

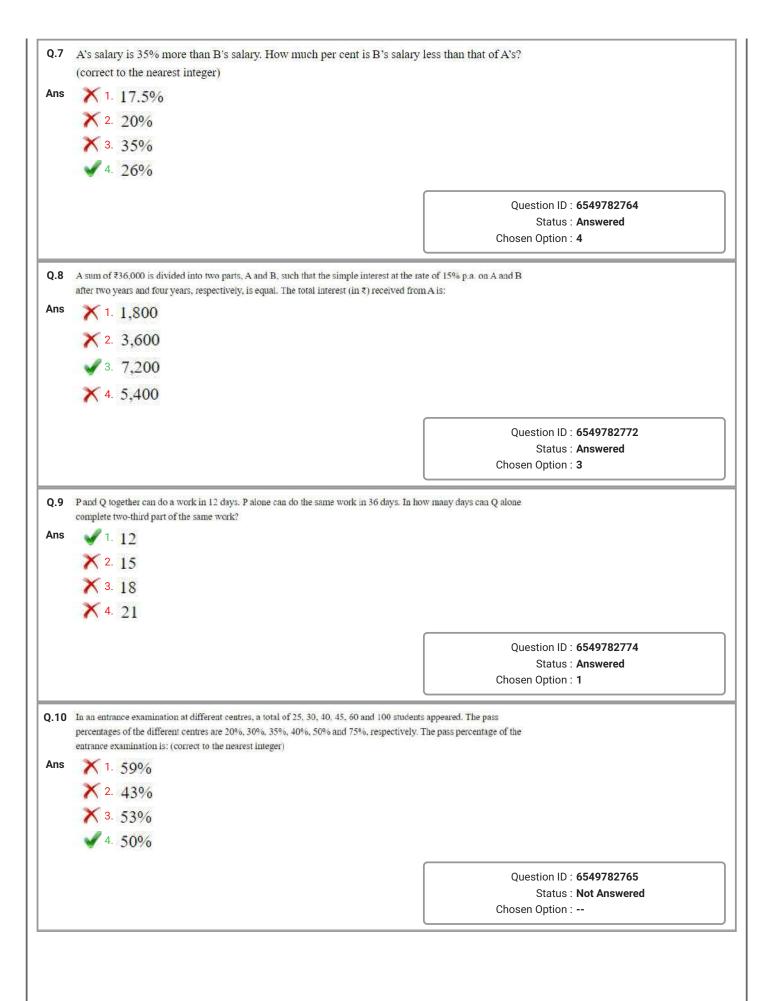
X 1. 90°

X 2. 72°

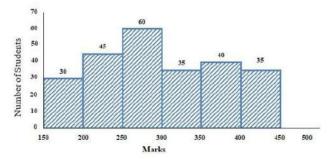
**√** 3. 54°

X 4. 108°

Question ID : 6549782801 Status : Answered



Q.11 Study the given histogram that shows the marks obtained by students in an examination and answer the question that follows.



If the total marks obtained by students be represented as a pie chart, then the central angle of the sector representing marks 200 or more but less than 300, is: (correct to the nearest degree)

Ans

X 1. 128°



Question ID : 6549782804 Status : Answered

Chosen Option : 2

Q.12 The speed of a boat in still water is 15 km/h, and the speed of the current is 5 km/h. In how much time (in hours) will the boat travel a distance of 60 km upstream and the same distance downstream?

Ans





Question ID : **6549782779** Status : **Answered** 

Chosen Option : 3

Q.13 If the volume of a sphere is 4851 cm<sup>3</sup>, then its surface area (in cm<sup>2</sup>) is: (Take  $\pi = \frac{22}{7}$ )

Ans



Question ID: 6549782783 Status: Not Answered

Chosen Option : --

If  $a^2 + b^2 = 82$  and ab = 9, then a possible value of  $a^3 + b^3$  is:

Ans X 1. 720

X 2. 750

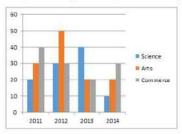
X 3. 830

**4**. 730

Question ID : **6549782785** Status : **Answered** 

Chosen Option : 4

Q.15 The number of students in Class XI in Science, Arts and Commerce streams of a school over a period of 4 years (2011 – 2014) has been depicted through the bar chart given below.



What is the difference between the averages of the number of Science and Commerce students in the given class over the given period of 4 years?

Ans

X 1. 8

X 2. 10

X 3. 12

**4**. 5

Question ID: 6549782797 Status: Not Answered

Chosen Option: --

Q.16 A can complete a certain work in 35 days and B can complete the same work in 15 days. They worked together for 7 days, then B left the work. In how many days will A alone complete 60% of the remaining work?

Ans

X 1. 10

X 2. 15

X 3 Q

4. 7

Question ID : 6549782775 Status : Answered

Q.17 In a circle with centre O, AD is a diameter and AC is a chord. Point B is on AC such that OB = 7 cm and  $\angle$  OBA = 60°. If  $\angle$  DOC = 60°, then what is the length of BC?

Ans

 $\times$  1. 3  $\sqrt{7}$  cm

× 2. 3.5 cm

**√** 3. 7 cm

 $\times$  4. 5  $\sqrt{7}$  cm

Question ID : 6549782788 Status : Answered Chosen Option : 3

Q.18 If x + y + z = 19, xyz = 216 and xy + yz + zx = 114, then the value of  $\sqrt{x^3 + y^3 + z^3 + xyz}$  is:

Ans

X 1. 32

× 2. 30

X 3. 28

4. 35

Question ID : **6549782787** Status : **Not Answered** 

Chosen Option: --

Q.19 Ramesh spends 40% of his monthly salary on food, 18% on house rent, 12% on entertainment, and 5% on conveyance. But due to a family function, he has to borrow ₹16,000 from a money lender to meet the expenses of ₹20,000. His monthly salary is:

Ans

× 1. ₹16,500

× 2. ₹15,000

**√**3. ₹16,000

X 4. ₹18,000

Question ID: 6549782768 Status: Not Answered

Chosen Option: --

Q.20 A, B, C subscribe a sum of ₹75,500 for a business. A subscribes ₹3,500 more than B, and B subscribes ₹4,500 more than C. Out of a total profit of ₹45,300, how much (in ₹) does A receive?

Ans

1. 17,400

× 2. 14,700

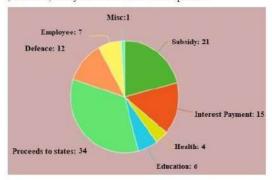
X 3. 12,600

× 4. 15,000

Question ID : 6549782771 Status : Answered

Q.21 The ratio of the total surface area and volume of a sphere is 2:7. Its radius is: Ans X 1. 7.5 cm ✓ 2. 10.5 cm X 3. 10 cm X 4. 7 cm Question ID: 6549782780 Status: Answered Chosen Option: 2 Q.22 The value of  $\frac{427 \times 427 \times 427 + 325 \times 325 \times 325}{42.7 \times 42.7 + 32.5 \times 32.5 - 42.7 \times 32.5}$ X 1. 75.2 X 2. 752 **√** 3. 75200 X 4. 7520 Question ID: 6549782761 Status: Answered Chosen Option: 3 Q.23 In  $\triangle ABC$ ,  $\angle A = 54^{\circ}$ . If I is the incentre of the triangle, then the measure of  $\angle BIC$  is: Ans X 1. 68° X 2. 54° X 3. 148° ✓ 4. 117° Question ID: 6549782791 Status: Answered Chosen Option: 4 Q.24 Let A and B be two towers with the same base. From the mid point of the line joining their feet, the angles of elevation of the tops of A and B are 30° and 45°, respectively. The ratio of the heights of A and B is: Ans X 1. 1:3  $\sqrt{2.1}:\sqrt{3}$ **X** 3. √3 : 1 X 4. 3:1 Question ID: 6549782795 Status: Answered Chosen Option: 3

Q.25 The following pie chart shows percentage expenditure of a country on different heads. The total expenditure is ₹1,680 (in billions). Study the chart and answer the question.



The expenditure on Education is what percentage less than the expenditure on Defence?

Ans





Question ID: 6549782800 Status: Answered

Chosen Option : 2

Q.26 Let A and B be two cylinders such that the capacity of A is the same as the capacity of B. The ratio of the diameters of A and B is i: 4. What is the ratio of the heights of A and B?

Ans

√ 1. 16:1

X 2. 16:3

X 3. 3:16

X 4. 1:16

Question ID: 6549782781

Status: Answered

Chosen Option: 1

Q.27 A train covers 400 km at a uniform speed. If the speed had been 10 km/h more, it would have taken 2 hours less for the same journey. What is the usual time taken (in hours) by it to complete the journey?

Ans

X 1. 12

X 2. 15

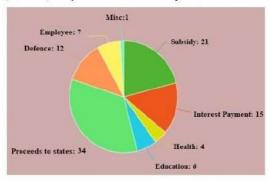
X 3. 8

**4**. 10

Question ID : **6549782778**Status : **Not Answered** 

Chosen Option : --

Q.28 The following pie chart shows percentage expenditure of a country on different heads. The total expenditure is ₹1,680 (in billions). Study the chart and answer the question.



The expenditure for Proceeds to state (in billions  $\overline{\epsilon}$ ) is:

Ans

- **√** 1. 571.20
- × 2. 586.50
- X 3. 684
- X 4. 126

Question ID : 6549782799 Status : Answered

Chosen Option: 1

Q.29

The value of  $\frac{2}{3} \div \frac{3}{10}$  of  $\frac{4}{9} - \frac{4}{5} \times 1\frac{1}{9} \div \frac{8}{15} + \frac{3}{4} \div \frac{1}{2}$  is:

Ans

- ✓ 1. 29
- $\times$  2.  $\frac{17}{9}$
- × 3.  $\frac{14}{3}$
- $\times$  4.  $\frac{49}{12}$

Question ID: 6549782760

Status : Answered

Chosen Option : 1

Q.30 A pump can fill a tank with water in 1 hour. Because of a leak, it took 1<sup>1</sup>/<sub>3</sub> hours to fill the tank. In how many hours can the leak alone drain all the water of the tank when it is full?

Ans

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

Question ID : **6549782776** Status : **Not Answered** 

-	When a number is successively divided by 3, 4 and 7, the remainder obtained is 2, 3 and 5, respectively. What will be the remainder when 42 divides the same number?						
Ans	1. 41						
	<ul><li>X 2. 30</li><li>✓ 3. 29</li><li>X 4. 31</li></ul>						
							Question ID: <b>6549782755</b>
							Status: Not Answered
		Chosen Option :					
Q.32	An article was sold at a loss of 13.5%. If it was sold for ₹1,104 more, then there would have been a profit of 9.5%. The cost price of the article was:						
Ans	× 1. ₹4,600						
	<b>√</b> 2. ₹4,800						
	<b>×</b> 3. ₹4,400						
	<b>×</b> 4. ₹4,200						
	U 0000000000						
		Question ID : 6549782769 Status : Answered					
		Chosen Option : 2					
Q.33 Ans	How many numbers between 300 and 700 are divis  ✓ 1. 3						
	How many numbers between 300 and 700 are divis  1. 3  2. 2  3. 5  4. 20						
	<ul><li>✓ 1. 3</li><li>X 2. 2</li><li>X 3. 5</li></ul>	sible by 5, 6 and 8?					
	<ul><li>✓ 1. 3</li><li>X 2. 2</li><li>X 3. 5</li></ul>						
	<ul><li>✓ 1. 3</li><li>X 2. 2</li><li>X 3. 5</li></ul>	Question ID: 6549782756					
Ans	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a. when the interest is compounded.	Question ID: 6549782756 Status: Not Answered Chosen Option:					
Ans	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a., when the interest is compounde (nearest to ₹1)	Question ID: 6549782756 Status: Not Answered Chosen Option:					
Ans Q.34	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a, when the interest is compounde (nearest to ₹1) <ul> <li>1. 8,100</li> </ul>	Question ID: 6549782756 Status: Not Answered Chosen Option:					
Ans Q.34	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a., when the interest is compounde (nearest to ₹1)	Question ID: 6549782756 Status: Not Answered Chosen Option:					
Ans Q.34	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a. when the interest is compounde (nearest to ₹1) <ul> <li>1. 8,100</li> <li>2. 12,751</li> </ul>	Question ID: 6549782756 Status: Not Answered Chosen Option:					
Ans Q.34	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a, when the interest is compounde (nearest to ₹1) <ul> <li>1. 8,100</li> <li>2. 12,751</li> <li>3. 14,671</li> </ul> 3. 14,671	Question ID: 6549782756 Status: Not Answered Chosen Option: would be the compound interest ed yearly?					
Ans Q.34	<ul> <li>1. 3</li> <li>2. 2</li> <li>3. 5</li> <li>4. 20</li> </ul> The simple interest on a sum of money at 10% per annum for 2 years is ₹8,100. What (in ₹) on the same sum for the same period at 15% p.a, when the interest is compounde (nearest to ₹1) <ul> <li>1. 8,100</li> <li>2. 12,751</li> <li>3. 14,671</li> </ul> 3. 14,671	Question ID: 6549782756 Status: Not Answered Chosen Option:					

Q.35 On a marked price, the difference of selling prices with a discount of 35% and two successive discounts of 20% and 15%, is ₹504. The marked price of the article (in ₹) is:

Ans

X 1. 16,000

**2** 16,800

× 3. 15,500

× 4. 18,000

Question ID: 6549782766 Status: Not Answered

Chosen Option: --

Q.36 The sides PQ and PR of  $\triangle$ PQR are produced to points S and T, respectively. The bisectors of  $\angle$ SQR and  $\angle$ TRQ meet at U. If  $\angle$ QUR =  $59^\circ$ , then the measure of  $\angle$ P is:

Ans

X 1. 31°

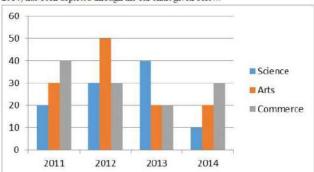
✓ 2. 62°

X 3. 41°

X 4. 49°

Question ID: 6549782790 Status: Answered Chosen Option: 2

Q.37 The number of students in Class XI in Science, Arts and Commerce streams of a school over a period of 4 years (2011 – 2014) has been depicted through the bar chart given below.



What is the average of the number of Arts students in the given class over the given period of 4 years?

Ans

X 1. 25

**2**. 30

X 3. 35

X 4. 32

Question ID : **6549782796** Status : **Answered** 

If a + b + c = 0, then the value of  $\frac{a^2}{bc} + \frac{b^2}{ca} + \frac{c^2}{ab}$  is:

Ans X 1. 1

- **X** 3. −1

Ouestion ID: 6549782786 Status: Answered

Chosen Option: 2

In a school,  $\frac{5}{12}$  of the number of students are girls and the rest are boys.  $\frac{4}{7}$  of the number of boys are below 14 years of age, and  $\frac{2}{5}$  of the number of girls are 14

years or above 14 years of age. If the number of students below 14 years of age is 1120, then the total number of students in the school is:

Ans

X 1. 1820

- X 2. 1290
- X 3. 1900
- 4. 1920

Question ID: 6549782770 Status: Not Answered

Chosen Option: --

Q.40 The base of a triangle is equal to the perimeter of a square whose diagonal is  $9\sqrt{2}$  cm, and its height is equal to the side of a square whose area is 144 cm2. The area of the triangle (in cm2) is:

Ans

- 1. 216
- X 3. 144
- X 4. 288

Question ID: 6549782784

Status: Answered

Q.41 A ladder is resting against a wall, The angle between the foot of the ladder and the wall is 45° and the foot of the ladder is 6.6 m away from the wall. The length of the ladder (in m) is:

Ans

- $\checkmark$  1. 6.6 × √2
- $\times$  2. 3.3 ×  $\sqrt{2}$
- $\times$  3.  $2.2 \times \sqrt{2}$
- $\times$  4. 3.6  $\times$   $\sqrt{2}$

Question ID : 6549782794 Status : Answered

Chosen Option: 1

Q.42 The HCF of two numbers is 29, and the other two factors of their LCM are 15 and 13. The smaller of the two numbers is:

Ans

- **1**. 377
- X 2. 406
- X 3. 435
- X 4. 464

Question ID: 6549782757 Status: Answered Chosen Option: 1

- Q.43
- Solve for  $\theta$ :  $\cos^2\theta \sin^2\theta = \frac{1}{2}$ ,  $0 < \theta < 90^\circ$ .

Ans

- X 1. 45°
  - × 2. 60°
  - √ 3. 30°
  - X 4. 40°

- Question ID: 6549782792
  - Status: Answered
- Chosen Option: 3
- Q.44 On the marked price of ₹1,250 of an article, three successive discounts of 5%, 15% and 20% were offered, The amount (in ₹) of discount received by a customer is:

Ans

- 1. 442.50
- × 2. 950.25
- X 3. 450
- X 4. 807.50

Question ID : 6549782763

Status: Not Answered

Q.45 If  $\cot\theta = \frac{1}{\sqrt{3}}$ ,  $0^\circ < \theta^\circ < 90^\circ$ , then the value of  $\frac{2-\sin^2\theta}{1-\cos^2\theta} + (\csc^2\theta - \sec\theta)$  is:

Ans

X 1. 0

X 2. 2

X 3. 5

**4**. 1

Question ID: 6549782793 Status: Answered Chosen Option: 4

Q.46 Two circles of radii 15 cm and 10 cm intersect each other and the length of their common chord is 16 cm. What is the distance (in cm) between their centres?

Ans

 $\times$  1. 12 + 3 $\sqrt{7}$ 

 $\times$  2. 15 + 2 $\sqrt{161}$ 

 $\times$  3. 10 +  $\sqrt{161}$ 

 $\checkmark$  4. 6 +  $\sqrt{161}$ 

Question ID: 6549782789 Status: Answered

Chosen Option: 4

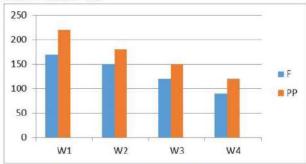
Q.47 The fasting blood sugar level (F) and the post prandial blood sugar level (PP) of a patient was monitored for four weeks

W1, W2, W3, W4, and the readings (in mg/dl) for the four weeks are as follows:

F/PP: 170/220, 150/180, 120/150, 90/120.

These have been presented through a bar graph. The normal range is considered to be:

F/PP: 70 - 100/100 - 130.



During which week was the fasting blood sugar level of the patient approximately 115.4% above the upper limit of normal PP blood sugar level?

Ans

X 1. W3

X 2. W1

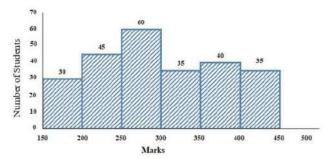
✓ 3. W2

X 4. W4

Question ID: 6549782798 Status: Not Answered

Chosen Option : --

Q.48 Study the given histogram that shows the marks obtained by students in an examination and answer the question that follows.



The number of students who obtained less than 200 marks is:

Ans

- X 1. 75
- **y** 2. 30
- X 3. 45
- X 4. 135

Question ID: **6549782802** Status: **Answered** 

Chosen Option : 2

Q.49 The value of  $7 \div [5 + 1 \div 2 - \{4 + (4 \text{ of } 2 \div 4) + (5 \div 5 \text{ of } 2)\}]$  is:

Ans

- 1. 7
- X 2. 2
- **√** 3. −7
- $\times$  4.  $-\frac{7}{2}$

Question ID: 6549782759 Status: Not Answered

Chosen Option: --

Q.50 Two pipes A and B can fill a cistern  $\ln_{12}\frac{1}{2}$  hours and 25 hours, respectively. The pipes are opened simultaneously and it is found that due to a leakage in the bottom, it took 1 hour 40 minutes more to fill the cistern. When the cistern is full, in how much time will the leak empty the cistern?

Ans

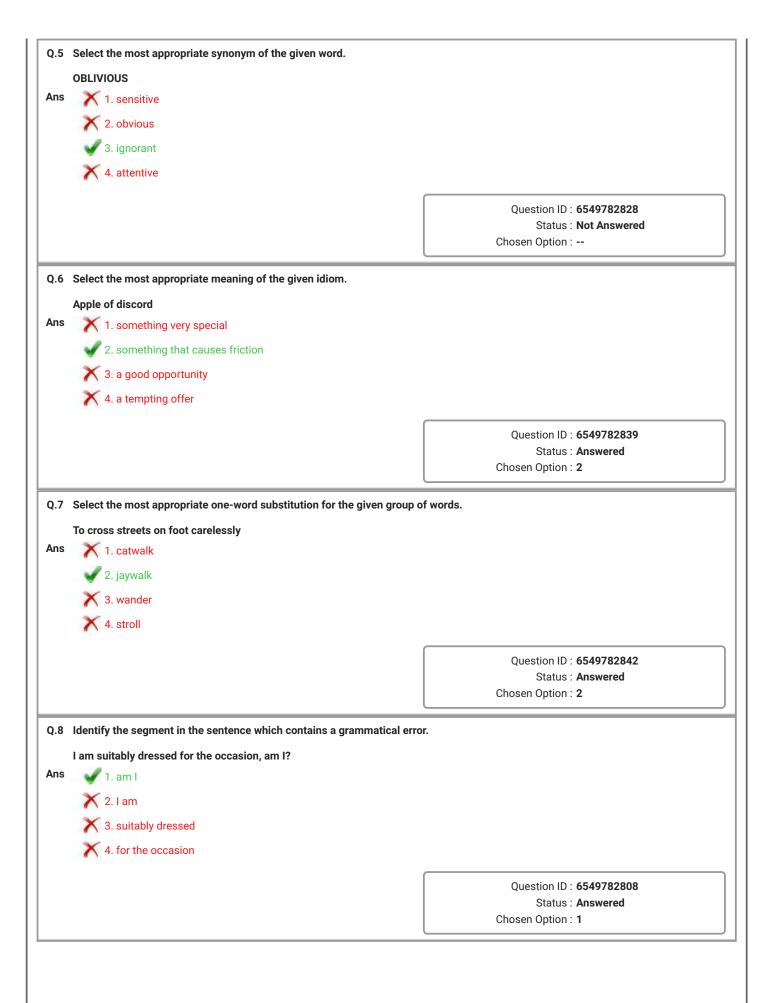
- X 1. 45 hours
- × 2. 42 hours
- X 3. 48 hours
- √ 4. 50 hours

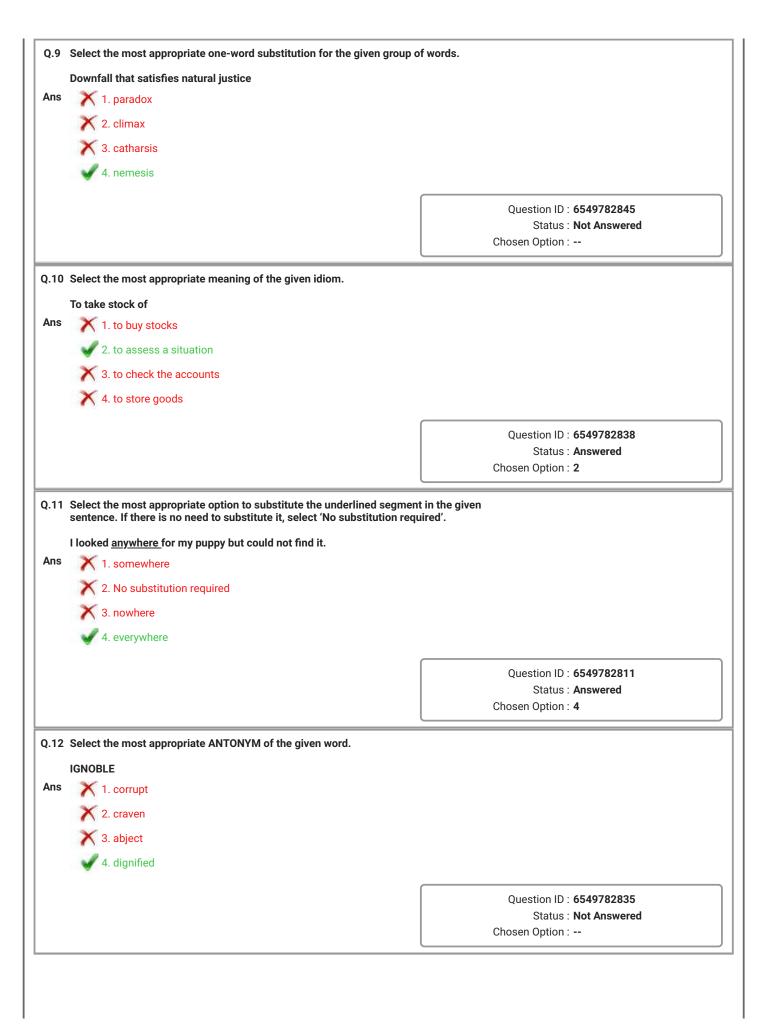
Question ID: 6549782777
Status: Not Answered

Chosen Option : --

Section: English Comprehension

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. The exam was not so easy that we had expected. Ans 1. as easy as X 2. No substitution required X 3. as easy so 4. such easy as Question ID: 6549782810 Status: Answered Chosen Option: 2 Q.2 Select the most appropriate meaning of the given idiom. **High time** Ans 1. well in time for something 2. time to fly high 3. past the appropriate time 4. time to celebrate something Question ID: 6549782836 Status: Answered Chosen Option: 4 Q.3 Identify the segment in the sentence which contains a grammatical error. He is over eighty and dare not read without glasses. Ans X 1. over eighty and 2. dare not read X 3. He is X 4. without glasses Ouestion ID: 6549782805 Status: Answered Chosen Option: 2 Q.4 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Suman performed at the festival well yesterday. Ans X 1. yesterday at the festival well 2. well at the festival yesterday X 3. No substitution required X 4. at the festival yesterday well Question ID: 6549782814 Status: Answered Chosen Option: 2





0 12				
Ų. 13	Fill in the blank with the most appropriate word.			
	You have memorised your speech, you?			
Ans	X 1. hasn't			
	× 2. couldn't			
	X 3. didn't			
	√ 4. haven't			
		Question ID : <b>6549782817</b>		
		Status : Answered		
		Chosen Option : 4		
Q.14	Select the most appropriate one-word substitution for the giver	n group of words.		
	Travelling under a name other than one's own			
Ans 1. impromptu				
	2. incognito			
	X 3. incredible			
× 4. invisible				
		0 11 15 45 45 45 45		
		Question ID : <b>6549782843</b> Status : <b>Answered</b>		
		Chosen Option : 1		
Q.15	Fill in the blank with the most appropriate word.			
	The fan was directly my head.			
Ans	X 1. at			
	× 2. on			
	X 3. below			
	✓ 4. over			
		Question ID : <b>6549782816</b>		
		Status : <b>Answered</b>		
		Chosen Option : 4		

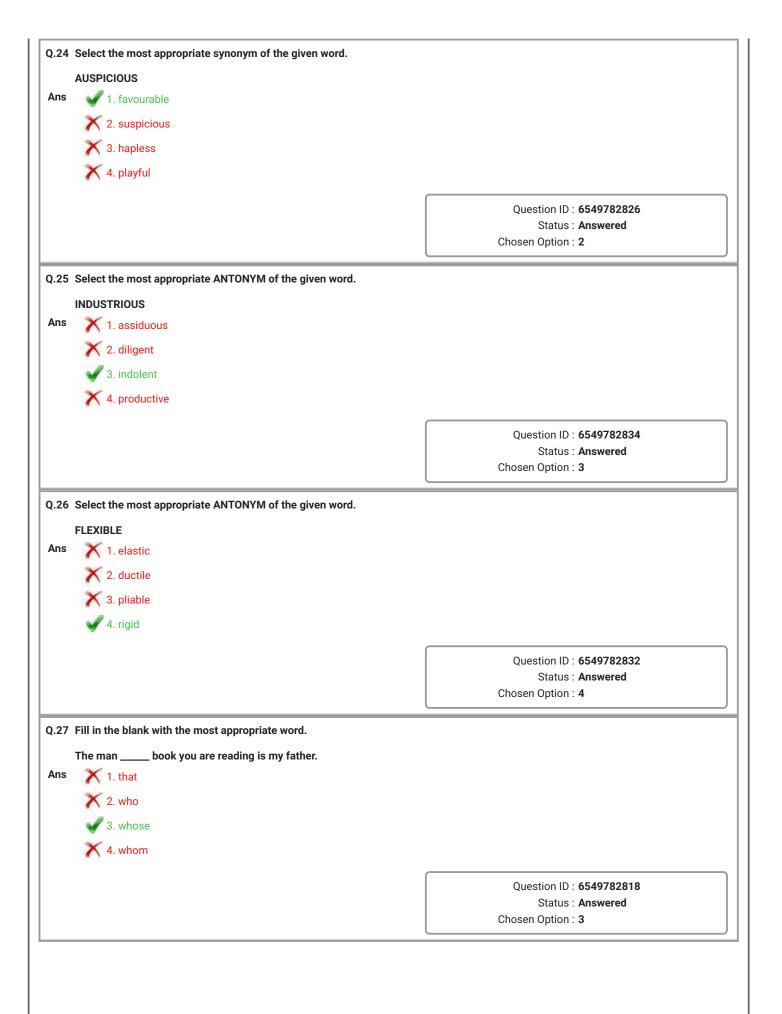
	Comprehension:				
In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.					
	Malti had to wait long to see her son, Abhik. She had worked hard to (1) her husband's last wish that Abhik should (2) his higher education at Cambridge. Abhik (3) to be meritorious and hardworking and had secured a seat. Making ends meet was (4) and a trip back home in the vacation, (5) for the mother and son.  SubQuestion No: 16				
Q.16	Select the most appropriate option to fill in blank no. 1.				
Ans	X 1. produce				
	2. fulfil				
	X 3. perform				
	X 4. finish				
		Question ID : <b>6549782821</b>			
		Status : <b>Answered</b> Chosen Option : <b>2</b>			
	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.				
	Malti had to wait long to see her son, Abhik. She had worked hard to (1) her husband's last wish that Abhik should (2) his higher education at Cambridge. Abhik (3) to be meritorious and hardworking and had secured a seat. Making ends meet was (4) and a trip back home in the vacation, (5) for the mother and son.  SubQuestion No: 17				
Q.17	7 Select the most appropriate option to fill in blank no. 2.				
Ans	X 1. provide				
	× 2. approach				
	X 3. delete				
	4. pursue				
		2 12			
		Question ID : <b>6549782822</b> Status : <b>Answered</b>			
		Chosen Option : 4			

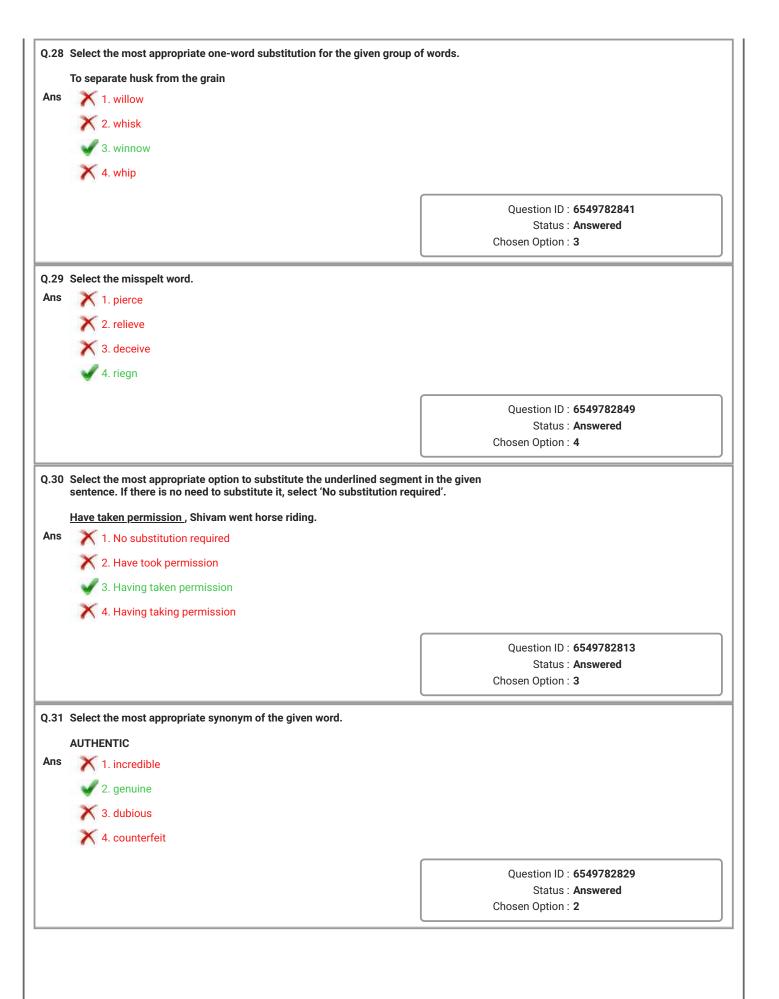
	Comprehension:					
	In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.  Malti had to wait long to see her son, Abhik. She had worked hard to (1) her husband's last wish that Abhik should (2) his higher education at Cambridge. Abhik (3) to be meritorious and hardworking and had secured a seat. Making ends meet was (4) and a trip back home in the vacation, (5) for the mother and son.					
	SubQuestion No: 18					
Q.18	Select the most appropriate option to fill in blank no. 3.					
Ans	1. had proved					
	2. is proving					
	X 3. will prove					
	X 4. prove					
		Question ID : <b>6549782823</b>				
		Status : Answered				
		Chosen Option : 1				
	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.					
	Malti had to wait long to see her son, Abhik. She had worked hard to (1) her husband's last wish that Abhik should (2) his higher education at Cambridge. Abhik (3) to be meritorious and hardworking and had secured a seat. Making ends meet was (4) and a trip back home in the vacation, (5) for the mother and son.					
	SubQuestion No : 19					
Q.19	9 Select the most appropriate option to fill in blank no. 4.					
Ans	X 1. inspiring					
	2. difficult					
	X 3. severe					
	X 4. worthy					
		Question ID : <b>6549782824</b>				
		Status : <b>Answered</b>				

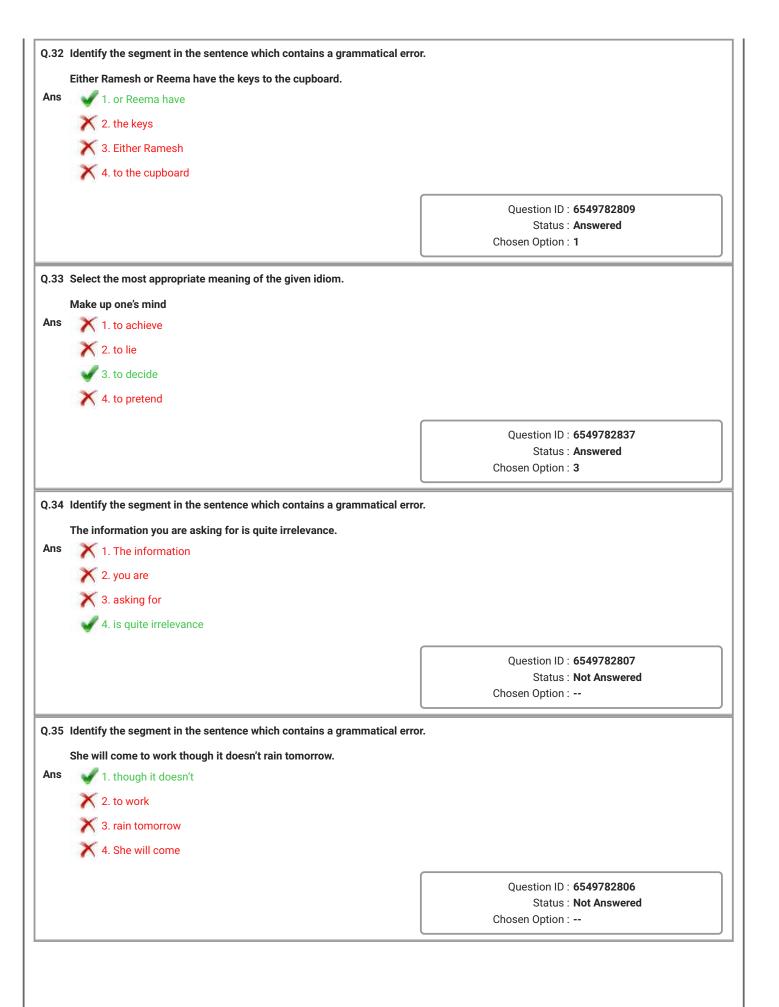
# Comprehension: In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number. Malti had to wait long to see her son, Abhik. She had worked hard to (1)\_\_\_\_ last wish that Abhik should (2)\_\_\_\_\_ his higher education at Cambridge. Abhik (3)\_\_\_\_\_ to be meritorious and hardworking and had secured a seat. Making ends meet was (4)\_\_\_\_\_ and a trip back home in the vacation, (5)\_\_\_\_\_ for the mother and son. SubQuestion No: 20 Q.20 Select the most appropriate option to fill in blank no. 5. 1. uncouth 2. unbearable 3. unaffordable 4. uncomfortable Question ID: 6549782825 Status: Answered Chosen Option: 1 Q.21 Select the misspelt word. 1. irritible 2. gallery 3. enmity X 4. earnest Question ID: 6549782847 Status: Answered Chosen Option: 1 Q.22 Select the most appropriate synonym of the given word. **FLABBERGASTED** Ans X 1. disturbed 2. motivated 3. astonished X 4. terrified Question ID: 6549782830 Status: Answered Chosen Option: 3 Q.23 Select the misspelt word. X 1. millionaire 2. magnificient 3. mediocre

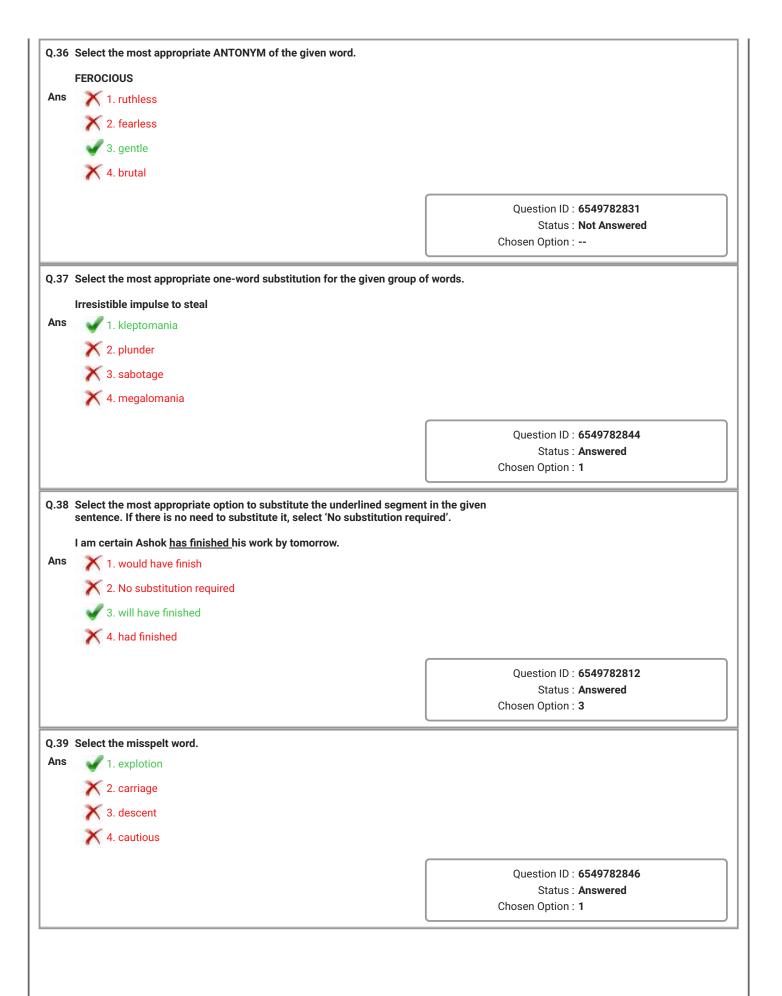
X 4. miraculous

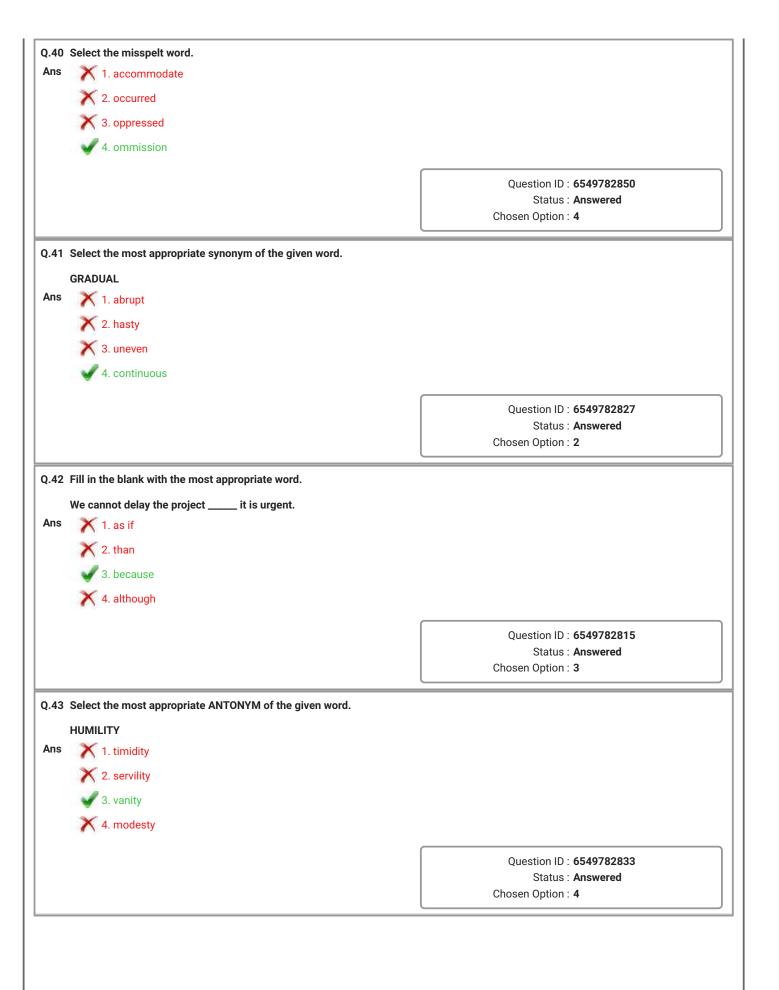
Question ID : 6549782848 Status : Answered











Q.44 Fill in the blank with the most appropriate word. It is not easy to distinguish a loyal friend \_\_\_\_\_ a flatterer. Ans 1. from **2**. and X 3. among Question ID: 6549782819 Status: Answered Chosen Option: 3 Q.45 Select the most appropriate meaning of the given idiom. Sitting on a gold mine √ 1. to own something potentially valuable Ans × 2. secretly hunting for something precious X 3. not availing of an opportunity X 4. wasting a vast treasure Question ID: 6549782840 Status: Answered Chosen Option: 1

Read the given passage and answer the questions that follow.

Early written symbols were based on pictographs (pictures which resemble what they signify) and ideograms (symbols which represent ideas). Ancient Sumerian, Egyptian, and Chinese civilizations began to adapt such symbols to represent concepts, developing them into logographic writing systems. Pictographs are still in use as the main medium of written communication in some non-literate cultures in Africa, the Americas, and Oceania. Pictographs are often used as simple, pictorial, representational symbols by most contemporary cultures.

Pictographs can be considered an art form, or can be considered a written language and are designated as such in Pre-Columbian art, Native American art, Ancient Mesopotamia and Painting in the Americas before Colonization. One example of many is the Rock art of the Chumash people, part of the Native American history of California.

An early modern example of the extensive use of pictographs may be seen in the map in the London suburban timetables of the London and North Eastern Railway, 1936-1947, designed by George Dow, in which a variety of pictographs was used to indicate facilities available near each station. Pictographs remain in common use today, serving as pictorial, representational signs, instructions, or statistical diagrams. Because of their graphical nature and fairly realistic style, they are widely used to indicate public toilets, or places such as airports and train stations. Because they are a concise way to communicate a concept to people who speak many different languages, pictograms have also been used extensively at the Olympics since 1964 Summer Olympics, and are redesigned for each set of games.

Pictographs can often transcend languages in that they can communicate to speakers of a number of tongues and language families equally effectively, even if the languages and cultures are completely different. This is why road signs and similar pictographic material are often applied as global standards expected to be understood by nearly all.

A standard set of pictographs was defined in the international standard ISO 7001: Public Information Symbols. Other common sets of pictographs are the laundry symbols used on clothing tags and the chemical hazard symbols as standardised by the GHS system. Pictograms have been popularised in use on the web and in software, better known as 'icons' displayed on a computer screen in order to help users navigate a computer system or mobile device.

#### SubQuestion No: 46

# Q.46 Early civilisations used symbols to represent:

Ans

1. (

× 2. facilities



3. concepts



X 4. culture

Question ID: 6549782852 Status: Not Answered

Read the given passage and answer the questions that follow.

Early written symbols were based on pictographs (pictures which resemble what they signify) and ideograms (symbols which represent ideas). Ancient Sumerian, Egyptian, and Chinese civilizations began to adapt such symbols to represent concepts, developing them into logographic writing systems. Pictographs are still in use as the main medium of written communication in some non-literate cultures in Africa, the Americas, and Oceania. Pictographs are often used as simple, pictorial, representational symbols by most contemporary cultures.

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#### SubQuestion No: 47

# Q.47 Pictographs are used in Olympic games because:

Ans

1. they are the main medium of written communication



X 3. they can help to navigate computer systems

X 4. they can be redesigned for each set of games

Question ID : 6549782855 Status : Answered

Read the given passage and answer the questions that follow.

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#### SubQuestion No: 48

# Q.48 What is the passage mainly about?

Ans

1. Use of pictographs in ancient and modern times

2. Pictographs as an art form

X 3. Limitations of pictographs

X 4. The origin of pictographs

Question ID : **6549782856** 

Status : Answered

Read the given passage and answer the questions that follow.

Early written symbols were based on pictographs (pictures which resemble what they signify) and ideograms (symbols which represent ideas). Ancient Sumerian, Egyptian, and Chinese civilizations began to adapt such symbols to represent concepts, developing them into logographic writing systems. Pictographs are still in use as the main medium of written communication in some non-literate cultures in Africa, the Americas, and Oceania. Pictographs are often used as simple, pictorial, representational symbols by most contemporary cultures.

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#### SubQuestion No: 49

Q.49 Which of the following is an early example of use of pictographs in modern times?

Ans

1. Logographic writing system

X 2. Icons on a computer screen

3. London railway timetable

4. Chemical hazard symbols

Question ID : 6549782853 Status : Answered

Read the given passage and answer the questions that follow.

Early written symbols were based on pictographs (pictures which resemble what they signify) and ideograms (symbols which represent ideas). Ancient Sumerian, Egyptian, and Chinese civilizations began to adapt such symbols to represent concepts, developing them into logographic writing systems. Pictographs are still in use as the main medium of written communication in some non-literate cultures in Africa, the Americas, and Oceania. Pictographs are often used as simple, pictorial, representational symbols by most contemporary cultures.

Pictographs can be considered an art form, or can be considered a written language and are designated as such in Pre-Columbian art, Native American art, Ancient Mesopotamia and Painting in the Americas before Colonization. One example of many is the Rock art of the Chumash people, part of the Native American history of California.

An early modern example of the extensive use of pictographs may be seen in the map in the London suburban timetables of the London and North Eastern Railway, 1936-1947, designed by George Dow, in which a variety of pictographs was used to indicate facilities available near each station. Pictographs remain in common use today, serving as pictorial, representational signs, instructions, or statistical diagrams. Because of their graphical nature and fairly realistic style, they are widely used to indicate public toilets, or places such as airports and train stations. Because they are a concise way to communicate a concept to people who speak many different languages, pictograms have also been used extensively at the Olympics since 1964 Summer Olympics, and are redesigned for each set of games.

Pictographs can often transcend languages in that they can communicate to speakers of a number of tongues and language families equally effectively, even if the languages and cultures are completely different. This is why road signs and similar pictographic material are often applied as global standards expected to be understood by nearly all.

A standard set of pictographs was defined in the international standard ISO 7001: Public Information Symbols. Other common sets of pictographs are the laundry symbols used on clothing tags and the chemical hazard symbols as standardised by the GHS system. Pictograms have been popularised in use on the web and in software, better known as 'icons' displayed on a computer screen in order to help users navigate a computer system or mobile device.

#### SubQuestion No: 50

# Q.50 Which of the following statements is NOT true?

Ans

1. Ideograms are symbols which represent ideas.



3. George Dow used pictographs to represent facilities near each train station.

4. Pictographs are widely used to depict road signs.

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