SSC Selection Post Phase Viii

Compilation (Graduation Level)

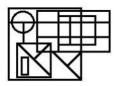
English Language (All 3 Shifts)

Examination for Selection Posts Phase VIII 2020 09th Nov 2020 S2

Roll Number	
Candidate	r
Name	<u> </u>
Venue Name	
Exam Date	09/11/2020
Exam Time	1:00 PM - 2:00 PM
Subject	Examination for Selection Posts Phase VIII 2020
Subject	Graduate level

Section: General Intelligence

Q.1 Select the option figure that is NOT embedded in the given figure (rotation is NOT allowed).











Question ID: 8161614429

Status : Answered

Chosen Option : ${\bf 4}$

Q.2

In a code language, if DECISION is written as 42231819181214, then how will PERIDERM be written in the same

Ans lar • 162218184221813

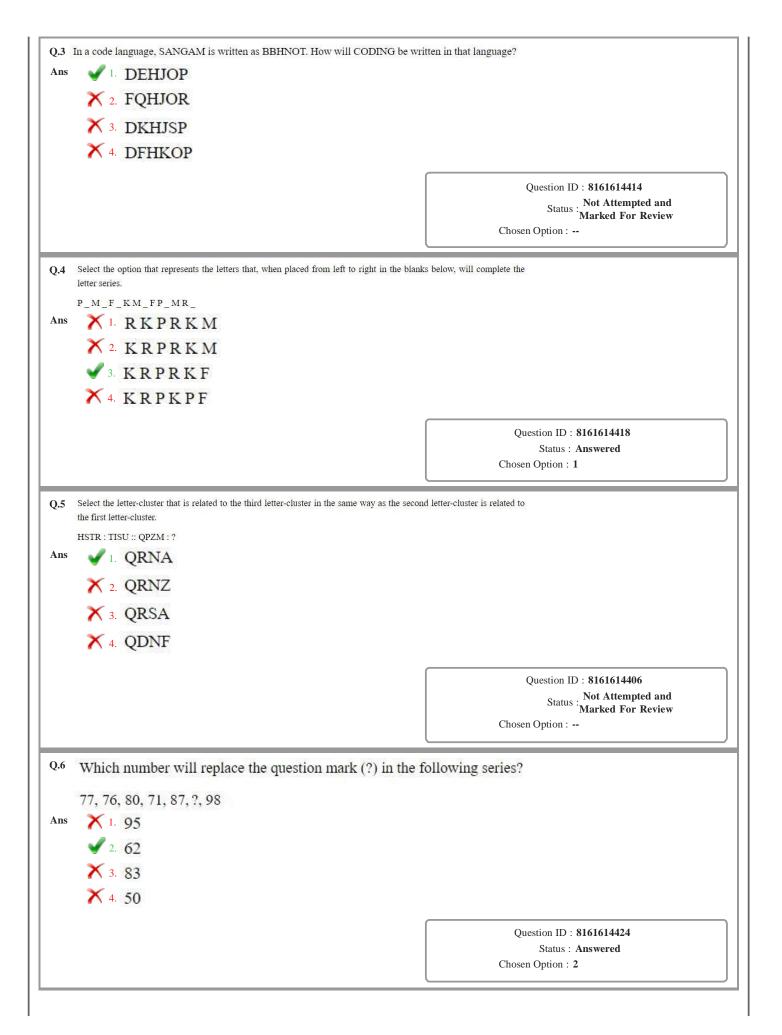
× 2. 16221894201713

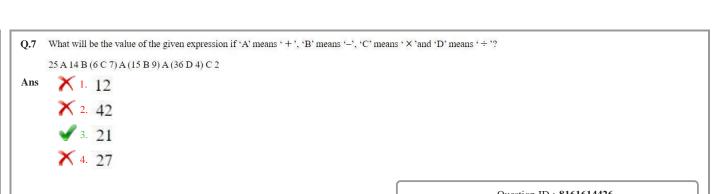
X 3. 112418184221814

X 4. 162216183221813

Question ID: 8161614417

Status: Answered





Question ID : 8161614426

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.8 Select the correct mirror image of the given figure when the mirror is placed to its right side.



Ans









Question ID: 8161614430

Status : Answered

Chosen Option : ${\bf 1}$

Select the figure that will come next in the following figure series. Ans

Question ID: 8161614427

Status: Answered Chosen Option: 1

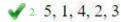
Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Manager
- 2. Mango
- 3. Manifest
- 4. Mandate

5. Maintain

Ans

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



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

× 4. 1, 4, 2, 3, 5

Question ID: 8161614408 Status: Answered

Q.11	Select the option that is related to the third number in the same way as the second number is	related to the first number.
Ans	9:504::7:?	
AllS	✓ 1. 210 ✓ 1. 250	
	× 2. 270	
	× 3. 320	
	× 4. 108	
		Question ID : 8161614425
		Status : Answered Chosen Option : 1
Q.12	'Pulses' is related to 'Black-Gram' in the same way as 'Cereal' is rela	ited to ''.
Ans	✓ 1. Wheat	
	× 2. Fertilizer	
	× 3. Food	
	× 4 Farmer	
		Question ID : 8161614411
		Status : Not Attempted and :Marked For Review
		Chosen Option :
		1
	one the second developed and the second of t	
	In a code language, if SWITCH is written as 91, then how will WARMTH be written	in the same language?
Q.13 Ans	X 1. 96	in the same language?
	1. 96★ 2. 90	in the same language?
	1. 96★ 2. 90★ 3. 105	in the same language?
	1. 96★ 2. 90	n in the same language?
	1. 96★ 2. 90★ 3. 105	Question ID : 8161614415
	1. 96★ 2. 90★ 3. 105	
	1. 96★ 2. 90★ 3. 105	Question ID: 8161614415 Status: Answered
Ans	 1. 96 2. 90 3. 105 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House' in the same way	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House'. 	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans Q.14	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House' in the same	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans Q.14	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House'. X 1. Artist X 2. Stones X 3. Hard-work 	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans Q.14	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House' in the same	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans Q.14	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House'. X 1. Artist X 2. Stones X 3. Hard-work 	Question ID: 8161614415 Status: Answered Chosen Option: 3
Ans Q.14	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House'. X 1. Artist X 2. Stones X 3. Hard-work 	Question ID: 8161614415 Status: Answered Chosen Option: 3 ted to ''. Question ID: 8161614410 Status: Answered
Ans	 X 1. 96 X 2. 90 X 3. 105 ✓ 4. 108 'Mason' is related to 'House' in the same way as 'Sculptor' is related to 'House'. X 1. Artist X 2. Stones X 3. Hard-work 	Question ID: 8161614415

Q.15 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 tables are beds.

No bed is a chair.

Conclusions:

I. Some beds are tables.

II. Some chairs are tables.

Ans

X 1. Either conclusion I or II follows



- 3. Only conclusion II follows
- 4. Only conclusion I follows

Question ID : **8161614422**Status : **Answered**

Chosen Option: 4

Q.16 'A @ B' means 'A is the father of B'.

'A * B' means 'A is the brother of B'.

'A \$ B' means 'A is the sister of B'.

If Q*Z*M @ K\$T@U*N, then which of the following statements is NOT correct?

Ans

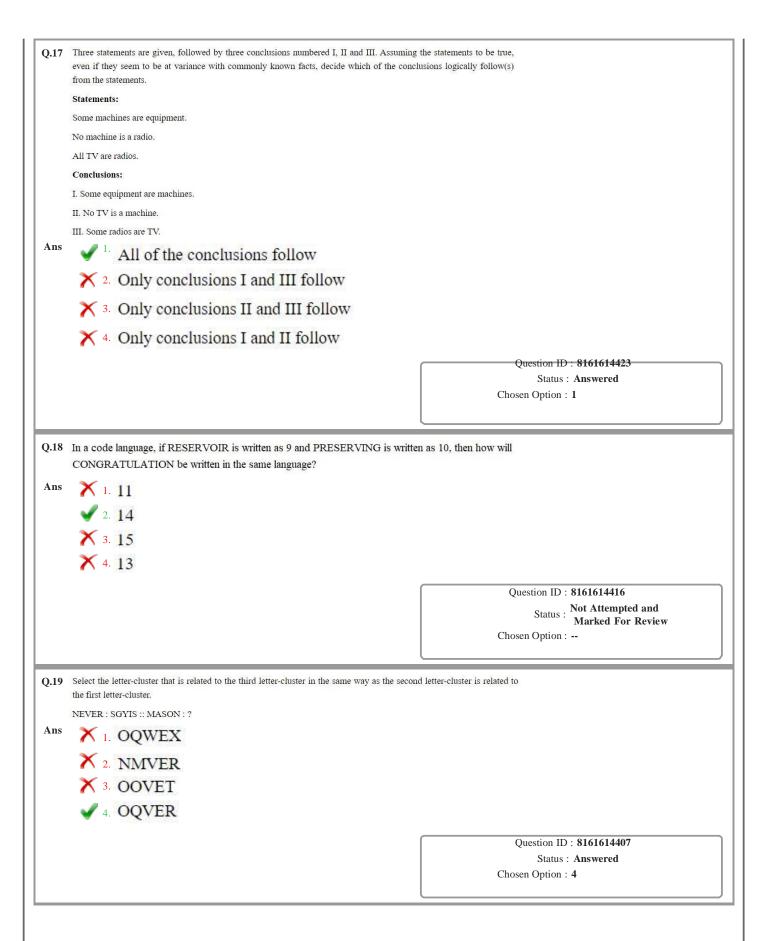
√ 1. K is the mother of N.

- 2. U is the paternal grandson of M.
- 3. Q is the paternal uncle of T.

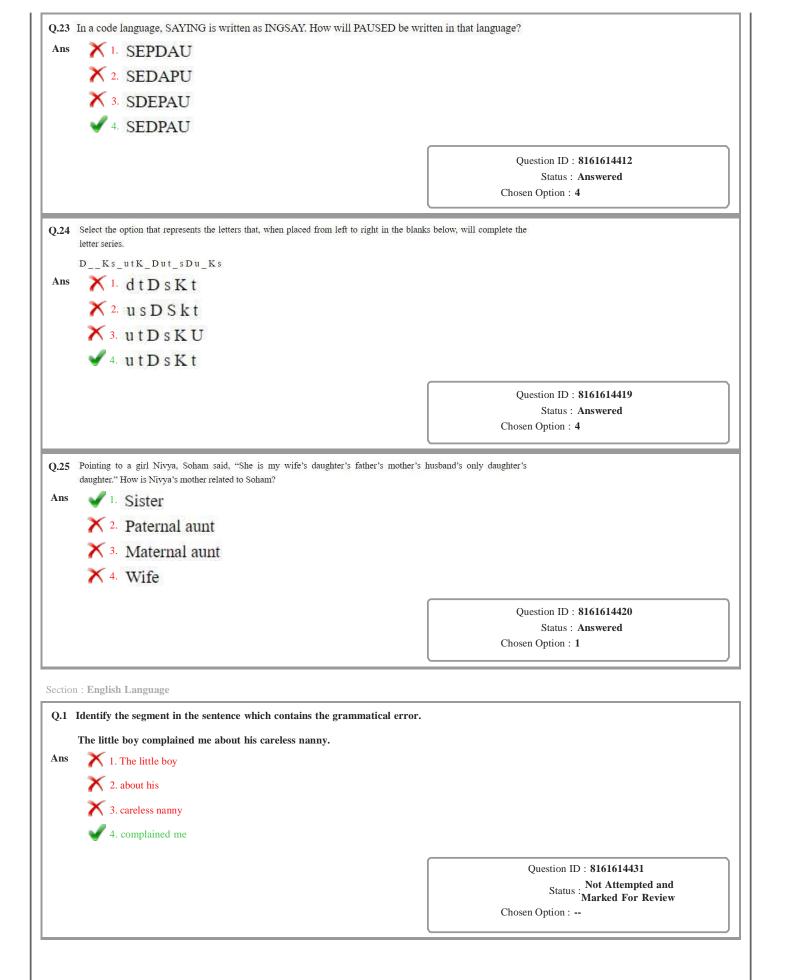
X 4. M is T's father.

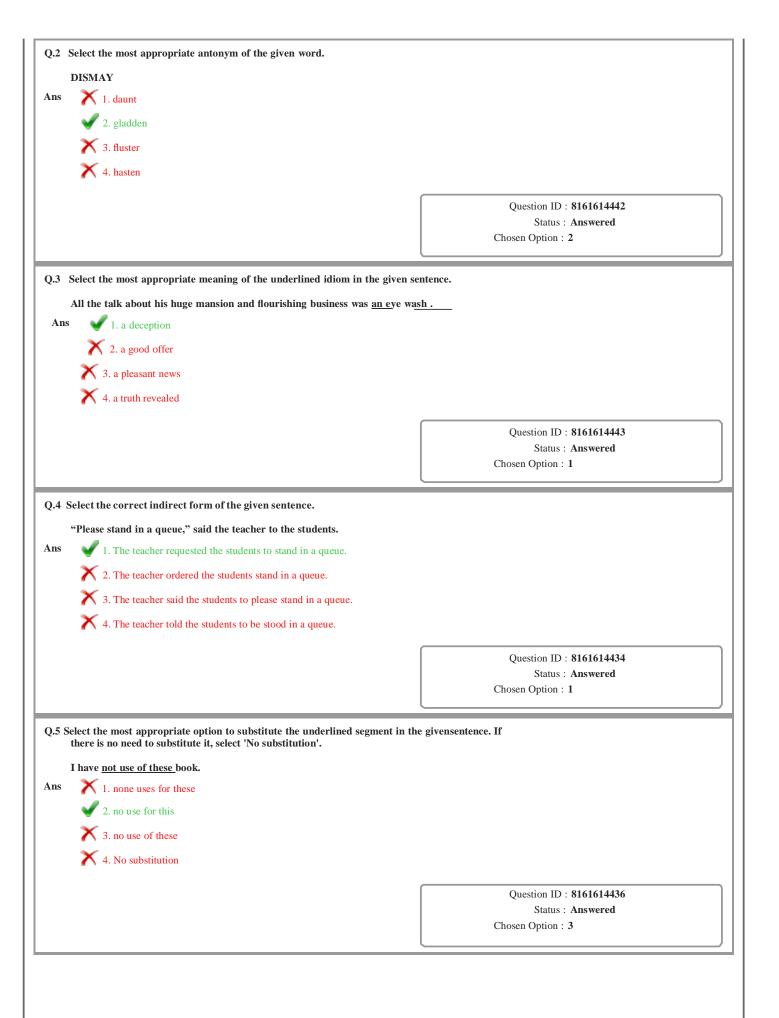
Question ID: 8161614421

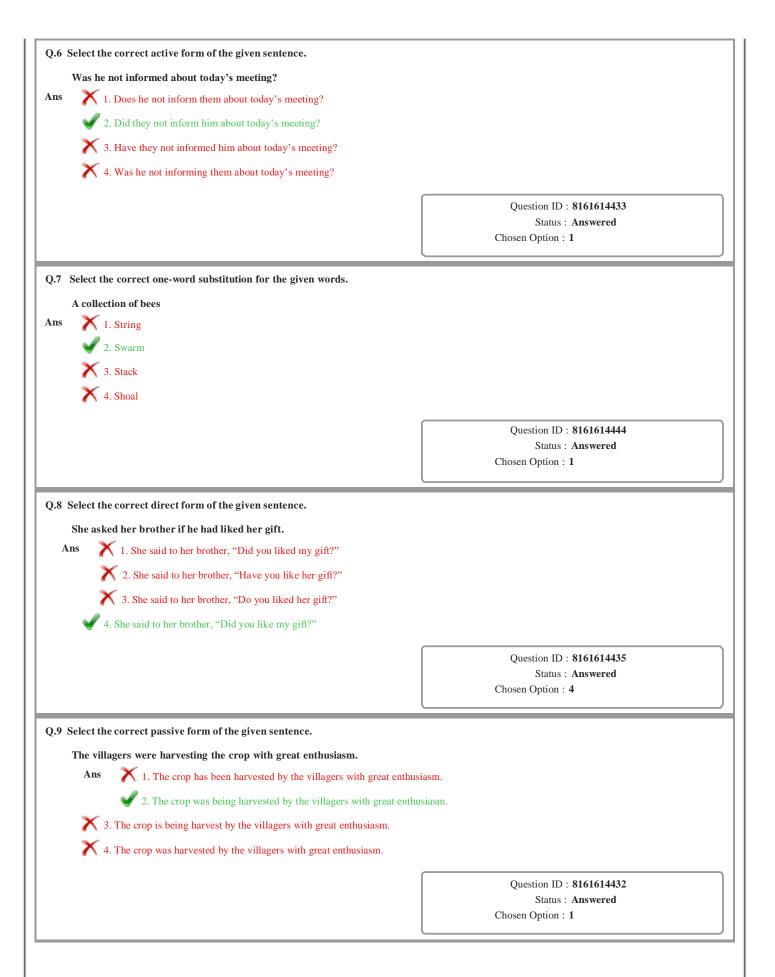
Status : Not Attempted and Marked For Review



Q.20 Which letter will be on the face opposite to the face showing 'R' when the given sheet is folded to form a cube? D R B Xı.D Ans ✓ 2. A **X** 3. **J** X 4. M Question ID: 8161614428 Status: Answered Chosen Option: 2 Q.21 In a code language, MAGICAL is written as GAMILAC. How will CARTOON be written in that language? √ 1. RACTNOO Ans X 2. RCATNOO X 3. RANTOCO X 4. RATCNOO Question ID: 8161614413 Status: Answered Chosen Option: 1 Q.22 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order. 1. Consumption 2. Manufacturer 3. Retailer 4. Wholesaler 5. Customer **√** 1. 2, 4, 3, 5, 1 Ans × 2. 5, 4, 1, 2, 3 X 3. 2, 3, 4, 1, 5 **X** 4. 3, 1, 2, 5, 4 Question ID: 8161614409 Status: Answered Chosen Option: 1







Q.10 Select the most appropriate synonym of the given word.	
PERCEIVE	
Ans 1. ignore	
2. notice	
X 3. continue	
X 4. obtain	
	O I TO MAGNIN
	Question ID : 8161614441 Status : Answered
	Chosen Option: 4
Q.11 Given below are four sentences in jumbled order. Pick the option that gives	their correctorder.
A. "Well, then I know just the place for you," he said. B. "Yes," he replied. "Do you want one in the city?" C. "Can you suggest a good hotel?" I asked the taxi driver. D. "No, I would prefer a quiet place."	
Ans 1. CBDA	
× 2. BDAC	
X 3. CADB	
× 4. ACBD	
4. ACBD	
	Question ID : 8161614440
	Status : Answered
	Chosen Option: 1
0.12 Calandaha miamala mand	
Q.12 Select the misspelt word. Ans 1. Ambassador	
2. Accomplice	
3. Acousticks	
× 4. Alienate	
	Question ID : 8161614445
	Status : Answered
	Chosen Option: 3
Q.13 Select the most appropriate option to fill in the blank.	
You ought to haveyourself of this golden opportunity.	
Ans 1. availed	
× 2. claimed	
3. grabbed	
X 4. seized	
4 1	
	Question ID : 8161614439
	Status : Answered
	Chosen Option: 1

Q.14 Select the most appropriate option to substitute the underlined segment in there is no need to substitute it, select 'No substitution'.	the givensentence. If
You have better taken care of your health.	
Ans 1. have to better take	
2. No substitution	
3. had better take	
4. better have take	
• •	
	Question ID: 8161614437 Status: Answered
	Chosen Option : 2
Q.15 Select the most appropriate option to fill in the blank.	
I cannot allow such a letter to be sent my signature.	
Ans 1. below	
2. under	
× 3. through	
★ 4. by	
	Question ID : 8161614438
	Status: Answered
	Chosen Option: 4
Comprehension:	
In the following passage, some words have been deleted. Fill in the blanks with	n the help of the
alternatives given. Select the most appropriate option for each number.	
A true master of the art of flattery can make flattery look like (1) miss their (2) Flattery requires certain qualities. A glib (3)	praise. His arrows never with tremendous
reserves of patience is (4) to be successful. You may try to (5) he will remain polite even in the face of grave provocation.	insults at him but
SubQuestion No : 16	
Q.16 Select the most appropriate option to fill in blank no 1.	
Ans 1. unlimited	
2. genuine	
X 3. fake	
X 4. worthless	
	Question ID : 8161614447
	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.
	A true master of the art of flattery can make flattery look like (1)praise. His arrows never miss their (2)Flattery requires certain qualities. A glib (3)with tremendous reserves of patience is (4)to be successful. You may try to (5)insults at him but he will remain polite even in the face of grave provocation.
	SubQuestion No: 17
Q.17	Select the most appropriate option to fill in blank no 2.
Ans	1. path
	× 2. board
	× 3. way
	✓ 4. target
	Question ID : 8161614448
	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.
	A true master of the art of flattery can make flattery look like (1)praise. His arrows never miss their (2)Flattery requires certain qualities. A glib (3)with tremendous reserves of patience is (4) to be successful. You may try to (5) insults at him but he will remain polite even in the face of grave provocation.
	SubQuestion No: 18
Q.18	Select the most appropriate option to fill in blank no 3.
Ans	1. orator
	× 2. editor
	X 3. teacher
	× 4. controller
	4. controller
	Question ID : 8161614449
	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.
	A true master of the art of flattery can make flattery look like (1) praise. His arrows never miss their (2) Flattery requires certain qualities. A glib (3) with tremendous reserves of patience is (4) to be successful. You may try to (5) insults at him but he will remain polite even in the face of grave provocation.
	SubQuestion No: 19
Q.19	Select the most appropriate option to fill in blank no 4.
Ans	X 1. decided
	✓ 2. certain
	X 3. clear
	× 4. fixed
	4. fixed
	Question ID : 8161614450
	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.
	A true master of the art of flattery can make flattery look like (1) praise. His arrows never miss their (2) Flattery requires certain qualities. A glib (3) with tremendous reserves of patience is (4) to be successful. You may try to (5) insults at him but he will remain polite even in the face of grave provocation.
	SubQuestion No: 20
Q.20	Select the most appropriate option to fill in blank no 5.
Ans	✓ 1. hurl
	× 2. hurt
	★ 2. hurt★ 3. haze
	× 4. haul
	Question ID : 8161614451
	Status: Marked For Review
	Chosen Option: 3

Read the passage and answer the questions.

An important reason for ants' success is their ability to talk - not with words but with tastes and smells. Their vocabulary is made up of a mixture of substances they produce in various parts of their bodies and emit via their glands. The so-called pheromones are signals that other ants can smell and taste. The messages they communicate set off a specific kind ofbehaviour in the messengers - fetching food, for instance, or looking after the brood, or feeding the queen. Furthermore, ant talk is not limited to food. Ants use a hundred differentscents to communicate a hundred different messages. With such a sophisticated array of messenger fragrances, ants organize complicated tasks with close to perfect efficiency.

Every ant is a specialist with a vocation of its own. The queen has one of the biggest workloads - laying eggs round the clock. Despite the presence of a queen, an ant colony is not a monarchy. The word 'queen' is actually is a misnomer. She does not reign over others, she is a machine for laying eggs. From morning till night she produces her daughters, the sterile workers of her colony. Males do not have to do much and the queen only produces them when reproduction time is approaching. Their main job is to fertilize the winged females after which they die.

Messengers do not have much free time either. When you see a handful of ants scurrying around in the kitchen without any apparent purpose, it does not mean they have lost their bearings. They are scouts foraging for food. Once they have found something edible, they report back to the base, depositing their chemical spores on the way. "Food located, please collect," is the taste and smell message for the other members back at the nest.

SubQuestion No: 21

Q.21 How do ants communicate?

Ans

1. With their wings



2. With sounds and words



3. With tastes and smells

4. With their behaviour

Question ID: 8161614453

Status: Answered

Read the passage and answer the questions.

An important reason for ants' success is their ability to talk - not with words but with tastes and smells. Their vocabulary is made up of a mixture of substances they produce in various parts of their bodies and emit via their glands. The so-called pheromones are signals that other ants can smell and taste. The messages they communicate set off a specific kind ofbehaviour in the messengers - fetching food, for instance, or looking after the brood, or feeding the queen. Furthermore, ant talk is not limited to food. Ants use a hundred differentscents to communicate a hundred different messages. With such a sophisticated array of messenger fragrances, ants organize complicated tasks with close to perfect efficiency.

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SubQuestion No: 22

Q.22 Which of the following statements is NOT true?

Messengers work hard to locate food.



they die.

2. Each ant has a specialized function.



3. The queen produces fertile daughter workers.

4. Ant talk is not limited to food only.

Question ID: 8161614457

Not Attempted and Status : Marked For Review

Read the passage and answer the questions.

An important reason for ants' success is their ability to talk - not with words but with tastes and smells. Their vocabulary is made up of a mixture of substances they produce in various parts of their bodies and emit via their glands. The so-called pheromones are signals that other ants can smell and taste. The messages they communicate set off a specific kind ofbehaviour in the messengers - fetching food, for instance, or looking after the brood, or feeding the queen. Furthermore, ant talk is not limited to food. Ants use a hundred differentscents to communicate a hundred different messages. With such a sophisticated array of messenger fragrances, ants organize complicated tasks with close to perfect efficiency.

Every ant is a specialist with a vocation of its own. The queen has one of the biggest workloads - laying eggs round the clock. Despite the presence of a queen, an ant colony is not a monarchy. The word 'queen' is actually is a misnomer. She does not reign over others, she is a machine for laying eggs. From morning till night she produces her daughters, the sterile workers of her colony. Males do not have to do much and the queen only produces them when reproduction time is approaching. Their main job is to fertilize the winged females after which they die.

Messengers do not have much free time either. When you see a handful of ants scurrying around in the kitchen without any apparent purpose, it does not mean they have lost their bearings. They are scouts foraging for food. Once they have found something edible, they report back to the base, depositing their chemical spores on the way. "Food located, please collect," is the taste and smell message for the other members back at the nest.

SubQuestion No: 23

Q.23 Which of these is NOT a function of the messengers? Ans

1. Caring for the brood

X 2. Looking for food



3. Laying eggs

X 4. Feeding the queen

Ouestion ID: 8161614455

Status : Not Attempted and Marked For Review

Read the passage and answer the questions.

An important reason for ants' success is their ability to talk - not with words but with tastes and smells. Their vocabulary is made up of a mixture of substances they produce in various parts of their bodies and emit via their glands. The so-called pheromones are signals that other ants can smell and taste. The messages they communicate set off a specific kind ofbehaviour in the messengers - fetching food, for instance, or looking after the brood, or feeding the queen. Furthermore, ant talk is not limited to food. Ants use a hundred differentscents to communicate a hundred different messages. With such a sophisticated array of messenger fragrances, ants organize complicated tasks with close to perfect efficiency.

Every ant is a specialist with a vocation of its own. The queen has one of the biggest workloads - laying eggs round the clock. Despite the presence of a queen, an ant colony is not a monarchy. The word 'queen' is actually is a misnomer. She does not reign over others, she is a machine for laying eggs. From morning till night she produces her daughters, the sterile workers of her colony. Males do not have to do much and the queen only produces them

when reproduction time is approaching. Their main job is to fertilize the winged females after which they die. Messengers do not have much free time either. When you see a handful of ants scurrying around in

the kitchen without any apparent purpose, it does not mean they have lost their bearings. They are scouts foraging for food. Once they have found something edible, they report back to the base, depositing their chemical spores on the way. "Food located, please collect," is the taste and smell message for the other members back at the nest.

SubQuestion No: 24

Q.24 Ants organize complicated tasks efficiently because:

Ans

1. of their ability to communicate

2. the queen lays eggs round the clock



3. they have a large number of working males

X 4. monarchy prevails in their colonies

Question ID: 8161614456

Status : Not Attempted and Marked For Review

Read the passage and answer the questions.

An important reason for ants' success is their ability to talk - not with words but with tastes and smells. Their vocabulary is made up of a mixture of substances they produce in various parts of their bodies and emit via their glands. The so-called pheromones are signals that other ants can smell and taste. The messages they communicate set off a specific kind ofbehaviour in the messengers - fetching food, for instance, or looking after the brood, or feeding the queen. Furthermore, ant talk is not limited to food. Ants use a hundred differentscents to communicate a hundred different messages. With such a sophisticated array of messenger fragrances, ants organize complicated tasks with close to perfect efficiency.

Every ant is a specialist with a vocation of its own. The queen has one of the biggest workloads - laying eggs round the clock. Despite the presence of a queen, an ant colony is not a monarchy. The word 'queen' is actually is a misnomer. She does not reign over others, she is a machine for laying eggs. From morning till night she produces her daughters, the sterile workers of her colony. Males do not have to do much and the queen only produces them

when reproduction time is approaching. Their main job is to fertilize the winged females after which they die.

Messengers do not have much free time either. When you see a handful of ants scurrying around in the kitchen without any apparent purpose, it does not mean they have lost their bearings. They are scouts foraging for food. Once they have found something edible, they report back to the base, depositing their chemical spores on the way. "Food located, please collect," is the taste and smell message for the other members back at the nest.

SubQuestion No: 25

Q.25 What happens to male ants after they fertilize the females? Ans

1. They guard the queen

2. They die

3. They emit pheromones

X 4. They forage for food

Ouestion ID: 8161614454

Status : Not Attempted and Marked For Review

Chosen Option: --

Section: Quantitative Aptitude

Q.1 The circumcentre of a triangle ABC is O. If $\angle BAC = 70^{\circ}$ and $\angle BCA = 80^{\circ}$, then the measure of $\angle OAC$ is equal to:

X 1. 30°

X 2. 70°

X 3. 40°

√ 4. 60°

Question ID: 8161614477

Status: Answered

Q.2

The general solution of the equation $\tan 3x + \cot \left(2x + \frac{\pi}{3}\right) = 0$ is:

Ans

$$\checkmark$$
 1. $n\pi + \frac{5\pi}{6}, n\epsilon z$

2.
$$2n\pi \pm \frac{\pi}{3}$$
, $n\epsilon z$

3.
$$n\pi + \frac{\pi}{3}$$
, $n\epsilon z$

4.
$$2n\pi \pm \frac{\pi}{6}$$
, $n\epsilon z$

Question ID: 8161614478

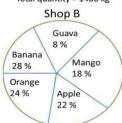
Status : Not Attempted and Marked For Review

Chosen Option: --

Q.3 The following pie chart shows the percentage quantity of fruits at two fruit shops A and B.



Total quantity = 1400 kg



Total quantity = 1200 kg

If the price of apple is ₹50 per kg and that of orange is ₹25 per kg, then what is the ratio of their costs at

Anc

1. 5 : 4



Ouestion ID: 8161614481

Status : Not Attempted and Marked For Review

The average pass percentage of girls in class XII examination in a school is 80 and that of boys is 75. The average pass percentage in class XII of that school is 76.5. Find the percentage of the number of boys in class XII of the school.

Ans

- 1. 70%
- X 2. 72%
- X 3. 65%
- X 4. 60%

- Question ID: 8161614461 Status: Answered
- Chosen Option: 1

Q.5 If $x = 3 + \sqrt{8}$, find the value of $x^3 + \frac{1}{x^3}$.

Ans

- **√** 1. 198
- X 2. 200
- X 3. 216
- X 4. 196

Question ID: 8161614474

Status: Answered

Chosen Option: 1

A shopkeeper bought 1000 kg of rice, a part of which was sold at 10% profit and the remaining at 20% loss; on the Q.6 whole, the loss was 5%. What is the quantity of rice that was sold at 20% loss?

Ans

- 1. 550 kg
- 2. 400 kg
- 3. 500 kg
- 4. 600 kg

Question ID: 8161614465

Status: Answered

Chosen Option: 3

Raghu agrees to complete a work for ₹8,400 in 16 days. But by engaging an assistant, the work is completed in 12 days. Find the share of money/remuneration to be received by the assistant.

Ans

- X 1. ₹2,400
- × 2. ₹2,000
- √ 3. ₹2,100
- X 4. ₹2,500

Question ID: 8161614470

Not Attempted and Status : Not Attempted
Marked For Review

Q.8 A sum of ₹6,000 amounts to ₹7,800 in 4 years at simple interest. If the interest rate is increased by 2.5%, then the same sum in same time would amount to:

Ans

1. ₹8,400

× 2. ₹9,200

× 3. ₹8,500

X 4. ₹8,600

Question ID: 8161614469

Status: Answered

Chosen Option: 1

If $\sqrt{x} + \frac{1}{\sqrt{x}} = 4$, find the value of $x^2 + \frac{1}{x^2}$.

Ans X 1. 254

2. 194

X 3. 258

X 4. 196

Question ID: 8161614473

Status: Answered

Chosen Option: 1

Q.10 A certain quantity of rice was bought for ₹x and sold for ₹y, thereby earning a profit of 25%. Had the cost price been 20% less and the selling price been ₹58 less, a profit of 20% would have been earned. Find the value of x.

Ans

1. 200

× 2. 400

X 3. 250

X 4. 300

Question ID: 8161614466

Status : Answered

Chosen Option: 1

Q.11 The marked price of an article is 28% higher than its cost price. Find the profit or loss percentage if the shopkeeper gives 25% discount.

Ans

X 1. Loss: 5%

✓ 2. Loss: 4%

X 3. Profit: 4%

X 4. Profit: 5%

Ouestion ID: 8161614462

Status: Answered

Q.12 The following pie chart shows the percentage quantity of fruits at two fruit shops A and B.



Total quantity = 1400 kg



Total quantity = 1200 kg

If the price of guava is ₹12 per kg, that of mango is ₹30 per kg, that of apple is ₹40 per kg, that of orange is ₹20 per kg and that of banana is ₹15 per kg, then what is the total cost of all fruits at shop B?

X 1. ₹28,990

× 2. ₹27,990

√ 3. ₹28,992

X 4. ₹28,880

Question ID: 8161614482

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.13 The diagonal of a rectangular field is 18 m and its area is $126 \, m^2$. What will be the total expenditure in fencing the field at the rate of ₹9 per metre?

Ans

√ 1. ₹432

X 2. ₹430

X 3. ₹442

X 4. ₹420

Question ID: 8161614472

Not Attempted and Status : Marked For Review

Chosen Option: --

Q.14 Kivand and Dinesh travel a distance of 60 km such that the speed of Kivand is faster than Dinesh. The sum of their speeds is 80 km/h and the total time taken by both is 3 hours 12 minutes. Find the speed of Kivand?

Ans

1. 40 km/h

× 2. 45 km/h

✓ 3. 50 km/h

X 4. 30 km/h

Question ID: 8161614471 Status: Answered

If $sec\theta = \frac{13}{5}$, then the value of $\frac{10tan\theta + 24cosec\theta}{39sin\theta - 10sec\theta}$ is:

Ans

1.

2. 5

X 3. 3

X 4. 2

Question ID: 8161614479

Status: Answered

Chosen Option: 2

Q.16 The following pie chart shows the percentage quantity of fruits at two fruit shops A and B.



Total quantity = 1400 kg



Total quantity = 1200 kg

What is the difference between the quantity of mangos at these two fruit shops A and B?

Ans

- 90 kg
- 2. 92 kg
- 3. 84 kg
- 4. 85 kg

Question ID : 8161614480

Status : Not Attempted and Marked For Review

Q.17 In an examination, Vinod scored 25% of marks and failed by 10 marks. Sachin scored 300 marks more than the passing marks. Find the total marks of the examination.	% of marks, which were 20
Ans × 1. 500	
× 2. 750	
✓ 3. 600	
× 4. 800	
	Ougation ID + 9161614462
	Question ID : 8161614463 Status : Answered
	Chosen Option: 3
Q.18 G is the centroid of the equilateral triangle ABC. If AB = $8\sqrt{3}$ cm, then the le	ength of AG is equal to:
Ans 1. 8 cm	
× 2. 9 cm	
× 3. 4 cm	
× 4. 6 cm	
	Question ID : 8161614476
	Status : Answered
	Chosen Option: 1
What is the remainder when we divide $4^{50} + 7^{50}$	by 652
Ans X 1. 3	
X 2. 2	
✓ 3. 0	
X 4. 1	
* * **	
	Question ID : 8161614458 Status : Answered
	Chosen Option: 4
Q.20 Three numbers A, B and C are in the ratio of 2:3:5. If each number is increased by 20%,	40% and 60%, respectively,
then what will be the new ratio? Ans 1. 15: 21: 40	
Ans	
✓ 3. 12:21:40	
× 4. 12:17:35	
4. 12. 17. 55	
	Question ID : 8161614468
	Status : Answered Chosen Option : 3

Q.21 Two numbers are in the ratio 3:5. If the sum of their squares is 2176, find the sum of the two numbers.

Ans

X 1. 56

X 2. 68

X 3. 60

4 64

Question ID: 8161614467 Status: Answered

Chosen Option: 4

Q.22 The average of five numbers is 612. If the average of the first two numbers is 418 and the average of the last two numbers is 521, find the third number.

Ans

X 1 1185

√ 2. 1182

X 3. 1180

X 4. 1172

Question ID: 8161614460 Status: Answered Chosen Option: 2

Q.23 If $x^3 + y^3 = 175$ and x + y = 7, find the value of $x^4 + y^4$.

Ans X 1. 916

× 2. 912

3. 961

X 4. 964

Question ID: 8161614475

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.24 The population of a town is increased by 15% in the first year and 8% in the second year, but decreased by $12\frac{1}{2}$ % in the third year. If the population at the end of the third year is 26,082, find the original population of the town.

Ans

X 1 30,000

× 2. 28,000

3. 24,000

X 4. 25,000

Question ID: 8161614464 Status: Answered

Q.25 A six-digit number 4ABB8A is a multiple of 33 for non-zero digits A and B. Which of the following could be the possible values of A and B?

Ans

 \times 1. A = 3, B = 2

 \times 2. A = 6, B = 2

 \times 3. A = 3, B = 6

 \checkmark 4. A = 6, B = 3

Question ID: 8161614459
Status: Not Answered

Chosen Option: --

Section: General Awareness

Q.1 What is the name of a low-cost prototype ventilator developed by the Railways' Rail Coach Factory (RCF) at Kapurthala?

Ans

X 1. Sugam

2. Jeevan

X 3. Pran

X 4. Raksha

Question ID: 8161614487

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.2 Lalit Kala Akademi, the National Academy of Art, was set up in:

Δnc

1. 1956

2. 1954

X 3. 1952

X 4. 1950

Question ID: 8161614483

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.3 'Anandamath' is a book about the Sannyasi Rebellion in the late 18th century. It is writtenby:

An

📝 1. Bankim Chandra Chatterjee

X 2. Satinath Bhaduri

X 3. Manik Bandyopadhyay

4. Rabindranath Tagore

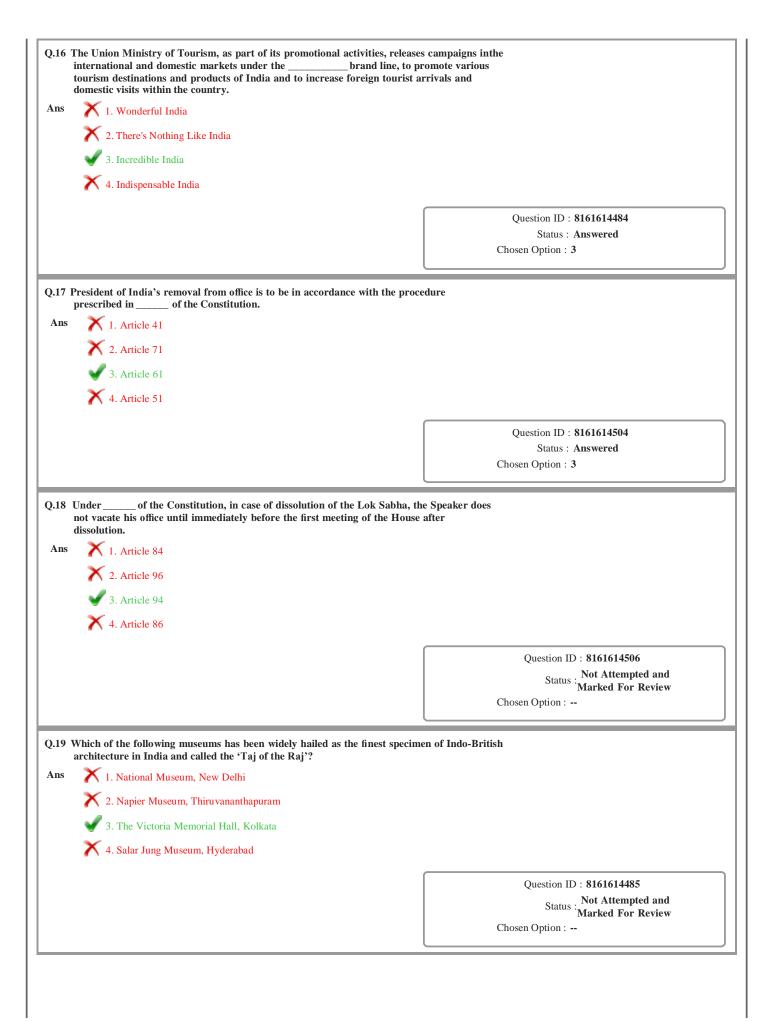
Question ID: 8161614502

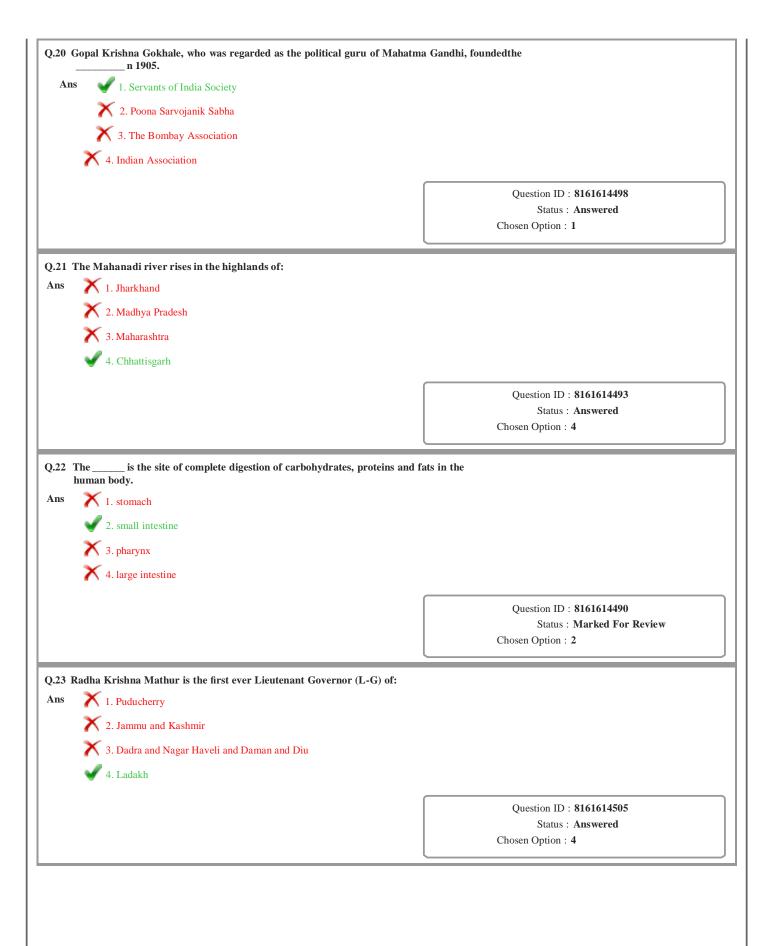
Status : Not Attempted and Marked For Review

Q.4 I	During the course of the Great Revolt of 1857, the leadership at I of Bahadur Shah, but the real control was exercised by:	Delhi was nominally in thehands
Ans	X 1. Kunwar Singh	
	× 2. Nana Saheb	
	3. General Bakht Khan	
	X 4. Begum of Oudh	
		Question ID : 8161614500
		Status : Answered
		Chosen Option: 2
Q.5 V	Who among the following organised the Harijan Sevak Sangh as programme for the removal of untouchability?	a part of his constructive
Ans	1. Mahatma Gandhi	
	2. Periyar EVR	
	X 3. BR Ambedkar	
	× 4. Narayana Guru	
		Question ID: 8161614499 Status: Answered
		Chosen Option : 1
Q.6 V Ans	Which of the following rivers is NOT a peninsular river?	
Alis	1. Godavari 2. Tapi	
	3. Mahananda	
	3. Manananda 4. Penner	
	4. Penner	
		Question ID: 8161614495
		Status : Answered Chosen Option : 4
		Chosen option : 1
Q.7	Which actor was awarded as the Best Actor in a Leading Role av	ward at Oscar 2020?Ans
	X 1. Antonio Banderas	
	× 2. Jonathan Pryce	
	3. Joaquin Phoenix	
	X 4. Leonardo DiCaprio	
		Question ID: 8161614486 Status: Answered
		Chosen Option: 3

Q.8 On the pH scale, we can measure pH from 0 (very acidic) to(very	y alkaline).
Ans X 1. 10	
× 2. 12	
3.16	
√ 4. 14	
	
	Question ID : 8161614489
	Status: Answered
	Chosen Option: 4
Q.9 The Vernacular Press Act was passed in British India in the year	
Ans 1. 1878	•
2. 1868	
3. 1888	
× 4. 1858	
	Question ID : 8161614497
	Status: Answered
	Chosen Option: 1
Q.10 Which among the following controls beating of the heart and respiratory m	novement?Ans
1. Medulla oblongata	
× 2. Pituitary Gland	
3. Spinal nerves	
× 4. Spinal cord	
4. Spinal cord	
	Question ID : 8161614491
	Status : Answered
	Chosen Option: 4
Q.11 Which of the following 'passes' is located in Himachal Pradesh? Ans	
X 1. Zozi la	
2. Khardung La	
3. Lepcha la	
X 4. Banihal	
	Question ID: 8161614496
	Status : Answered Chosen Option : 3
	, , , , , , , , , , , , , , , , , , ,

Q.12 T	The Korba Coalfield is located in the Indian state of	
Ans	1. West Bengal	
	× 2. Bihar	
	X 3. Jharkhand	
	4. Chhattisgarh	
		Question ID : 8161614494
		Status: Answered
		Chosen Option: 3
0.13 N	ame the former Chief Justice of India who was nominated to the Rajya Sab	pha in March.2020.
Ans	1. Altamas Kabir	
	× 2. Dipak Misra	
	3. Sarosh Kapadia	
	4. Ranjan Gogoi	
		Question ID : 8161614501 Status : Answered
		Status : Answered Chosen Option : 4
O.14 Ir	a nuclear fission, the difference in mass, Δm between the original nucleus	and the
p	product nuclei gets converted to energy E at a rate governed by the famous 2, first derived by n 1905.	
Ans	1. Isaac Newton	
	2. Albert Einstein	
	X 3. Galileo Galilei	
	× 4. Marie Curie	
		Question ID : 8161614492 Status : Answered
		Chosen Option : 2
	n April 2020, an Indian Air Force (IAF) C-130J transport aircraft delivered essential medicines and hospital consumables to Maldives under Operation:	6.2 tonnes of
Ans	X 1. Mitrata	
	× 2. Karuna	
	X 3. Sahyog	
	4. Sanjeevani	
		Question ID: 8161614488 Status: Answered
		Chosen Option : 3





1. Rafael Nadal 2. Novak Djokovic 3. Andy Murray	
4. Roger Federer	Question ID : 8161614507 Status : Answered Chosen Option : 1
In December 2019, Sahitya Akademi announced its 1. 24 2. 19 3. 21 4. 23	annual Award 2019 in languages.
	Question ID : 8161614503 Status : Not Answered Chosen Option :

Examination for Selection Posts Phase VIII 2020 10th Nov 2020 S3

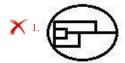
Roll Number	
Candidate Name	
Venue Name	
Exam Date	10/11/2020
Exam Time	4:00 PM - 5:00 PM
Subject	Examination for Selection Posts Phase VIII 2020 Graduate level

Section: General Intelligence

Q.1 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans











X



Question ID: 8161614633

Status : Answered

 $\hbox{Chosen Option}: 3$

Q.2 In a code language, CREATION is written as TRONIECA. How will FEBRUARY be written in that language?

An

X 1. AURREFBY

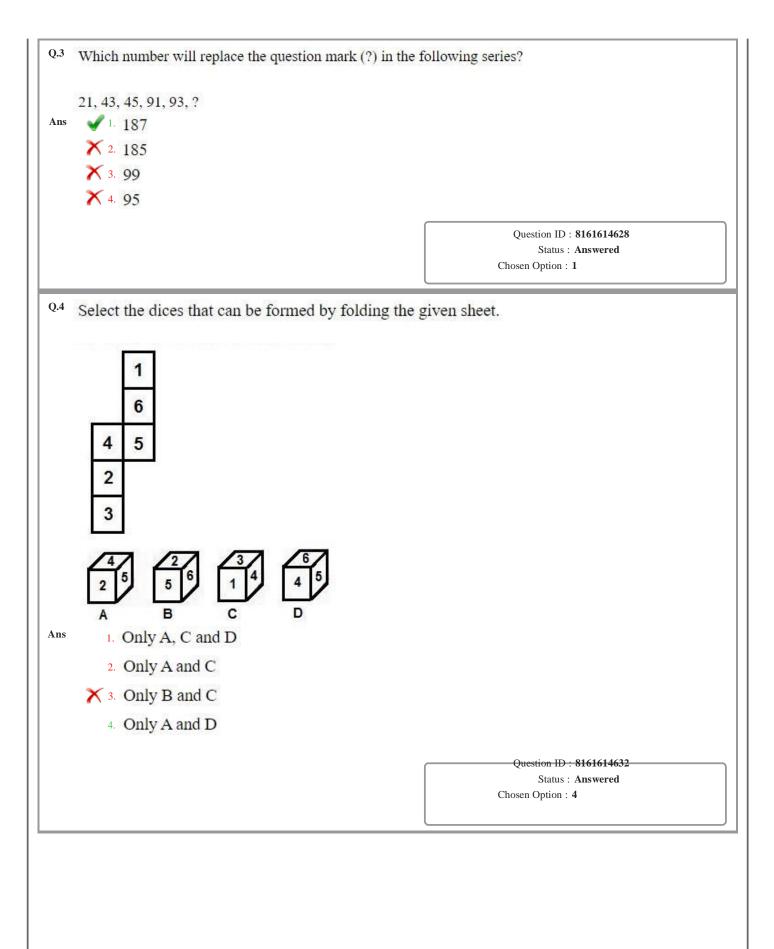
X 2. YURFFEBA

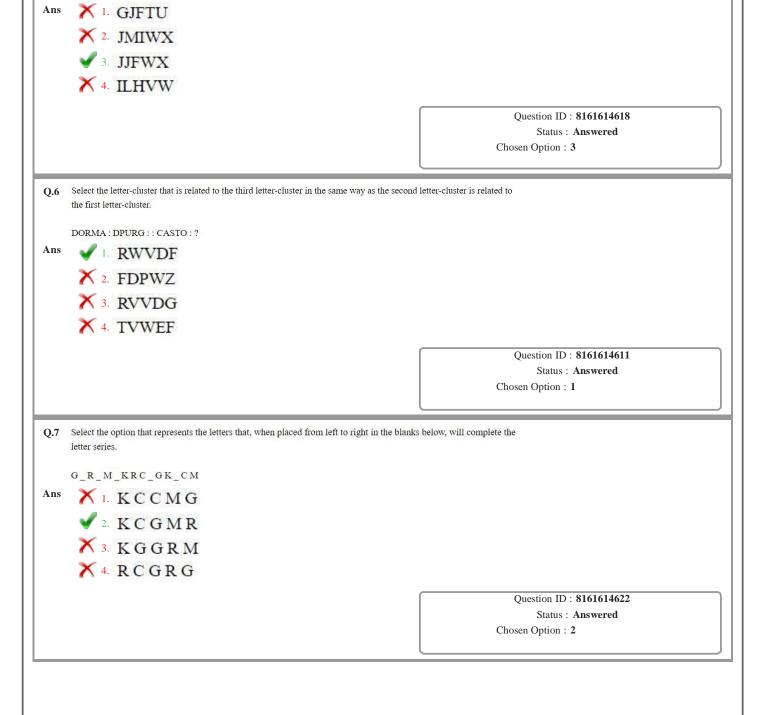
✓ 3. YURRFEBA

X 4. YRURFEBA

Question ID: 8161614617

Status : Answered





Q.5 In a code language, MAGIC is written as QBKJG. How will FIEST be written in that language?

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 dustbins are plastics.

All geysers are plastics.

Conclusions:

- I. Some geysers are dustbins.
- II. No geyser is a dustbin.

Ans

- 1. Only conclusion I follows
- × 2. Only conclusion II follows
- X 3. Both the conclusions I and II follow
- 4. Either conclusion I or II follows

Question ID: 8161614626 Status: Answered

Chosen Option: 4

Q.9 In a code language, FACIAL is written as CAFLAI. How will PARDON be written in that language?

Ans

- X 1. RPANDO
- X 2. RPANOD
- √ 3. RAPNOD
- X 4. RAPDNO

Question ID: 8161614616

Status: Answered

Chosen Option: 3

Q.10 Select the option that is related to the third number in the same way as the second number is related to the first number.

5:375::9:?

Ans X 1. 727

X 2. 1985

√ 3. 2187

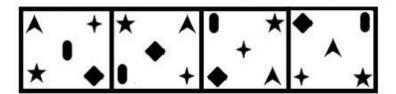
X 4. 465

Question ID: 8161614629

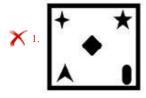
Status: Answered

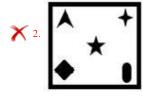
ns	X ¹. Uncle	
	2. Nephew	
	✓ 3. Son X 4. Brother	
	4. Brother	
		Question ID: 8161614624 Status: Answered
		Chosen Option: 3
050	MARKET N	
	Motherboard' is related to 'Computer' in the same way as 'Picture-tub	e' is related to ''.
ıs	1. Televisions	
	× 2. Images	
	3. Electricity	
	× 4. Machine	
		Question ID : 8161614614
		Status : Answered Chosen Option : 1
		Choose opassi 1

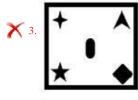
Select the figure that will come next in the following figure series.



Ans









Question ID: 8161614631

Status: AnsweredChosen Option: 3

Q.14 Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

SDYM: UBAK:: THNG:?

Ans

X 1. VGPD



× 2. WFRE



3. VEPD



4. VFPE

Question ID: 8161614610 Status: Answered

Ans 🗸 1. 49	
× 2. 81	

Question ID: 8161614620 Status: Answered Chosen Option: 1

Q.16 Select the interchanges in numbers and signs that will make the given equation correct.

$$17 \times 34 - 2 + 68 \div 66 = 2$$

X 4. 69

Ans

X 1. 68 and 66, + and ×

✓ 2. 17 and 66, × and –

X 3. 17 and 66, ÷ and ×

X 4. 34 and 66, + and -

Question ID: 8161614630 Status : Answered

Chosen Option: ${\bf 2}$

Q.17 'A @ B' means 'A is the brother of B'.

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

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

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

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

Ans

X 1. U is the daughter of R.

√ 2. T is the paternal uncle of K.

X 3. S is the wife of R.

X 4. J is the paternal grandfather of K.

Question ID: 8161614625

Status: Answered

Q.18 'East' is related to 'West' in the same way as 'North-east' is related to '_____'.

- Ans X 1. North
 - ✓ 2. South-west
 - X 3. South
 - X 4. South-east

Ouestion ID: 8161614615 Status: Answered Chosen Option: 2

Q.19 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

c__rn_cf_rnp_fx_np

Ans

- X 1. xfpxnr
- ✓ 2. fxpxcr
- X 3. fxrncp
- X 4. fpcxrc

Question ID: 8161614623 Status: Answered

Chosen Option: 2

Q.20 Select the correct mirror image of the given combination when the mirror is placed to its right side.

934ekdA

- 33 tekdA ™
- 934ekdA ²▶
- 934 G K d A E X

Question ID: 8161614634 Status: Answered

- Q.21 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
 - 1. Predator
 - 2. Prejudice
 - 3. Prevalent
 - 4. Prepare

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

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

Question ID: 8161614612 Status: Answered

Chosen Option: 4

- Q.22 Select the correct option that indicates the arrangement of the following words/phrases in a logical and meaningful
 - 1. Police investigation
 - 2. Punishment
 - 3. Court hearing
 - 4. Crime

Ans

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

Question ID: 8161614613

Status: Answered

Q.23 Three 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:

Each tissue is a bone.

All ligaments are bones.

All bones are muscles.

Conclusions:

- I. Some muscles are ligaments.
- II. All tissues are muscles.
- III. No bone is a ligament.

Ans

- Only conclusions I and II follow
- × 2. All conclusions follow
- 3. Only conclusions I and III follow
- X 4. Only conclusions II and III follow

Ouestion ID: 8161614627

Status: Answered

Chosen Option: 1

Q.24 In a code language, if MOTHER is written as 2630408518, then how will GAMING be written in the same language?

- X 1. 72269147
- × 2. 1422681414
- √ 3. 142269147
- X 4. 162269137

Question ID: 8161614621 Status: Answered

Chosen Option: 2

Q.25 In a code language, if TARGET is written as 17 and SILK is written as 15, then how will FROST be written in the same language?

Ans

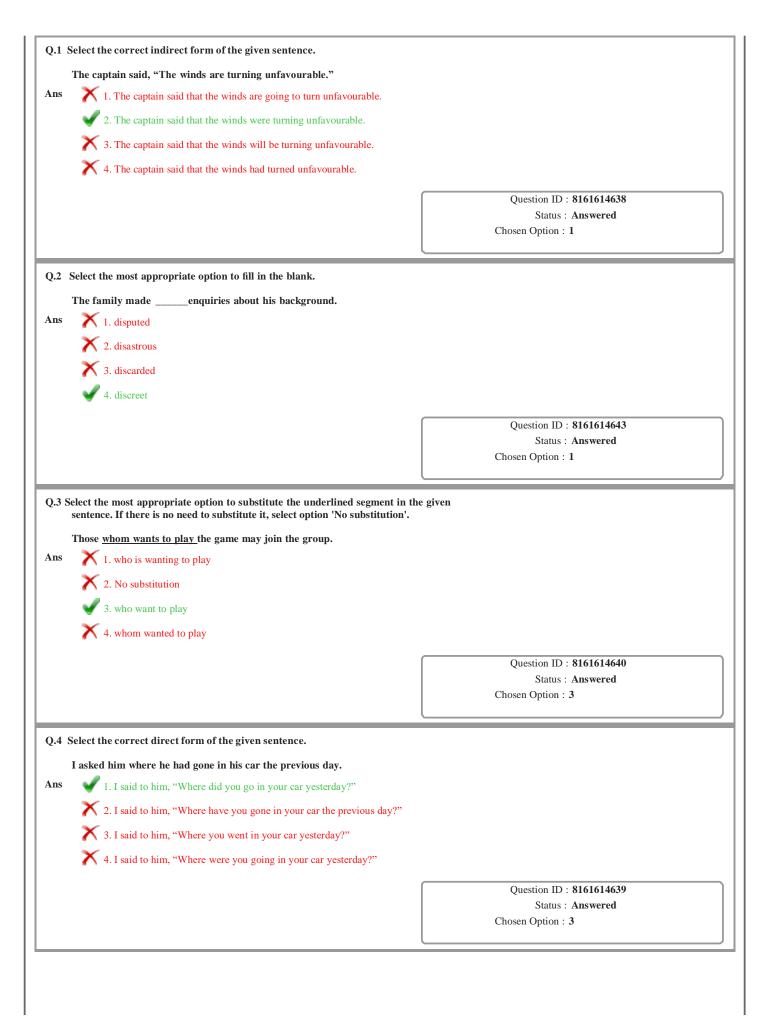
- X 1. 111
 - **X** 2. 77
 - X 3. 55
 - **4**. 87

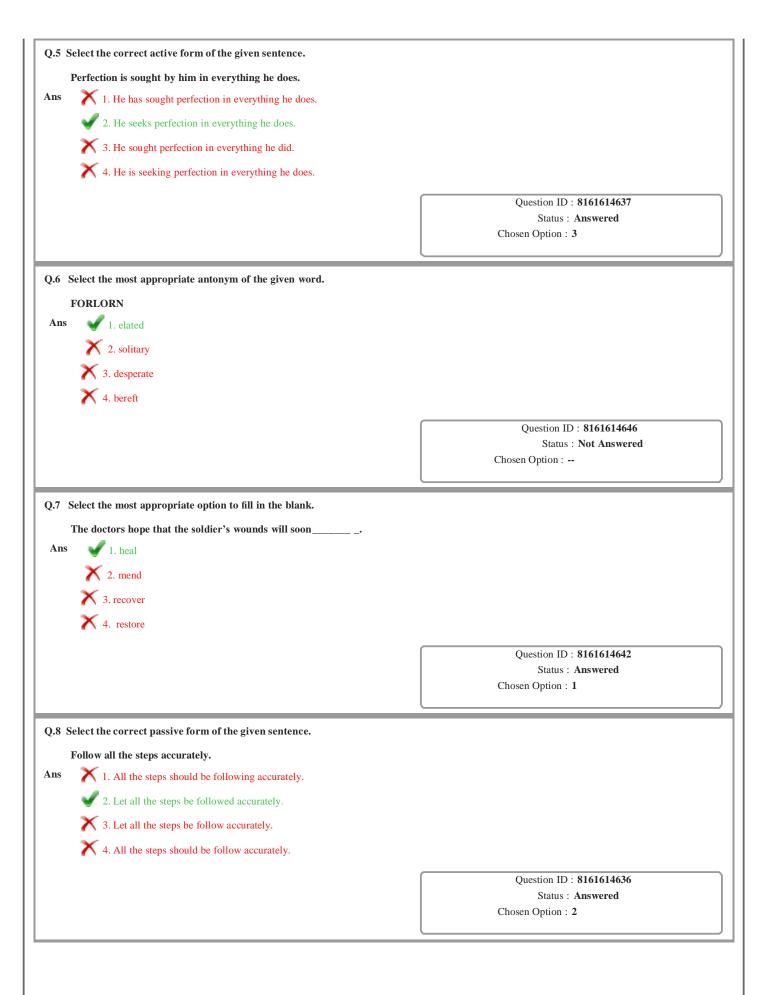
Question ID: 8161614619

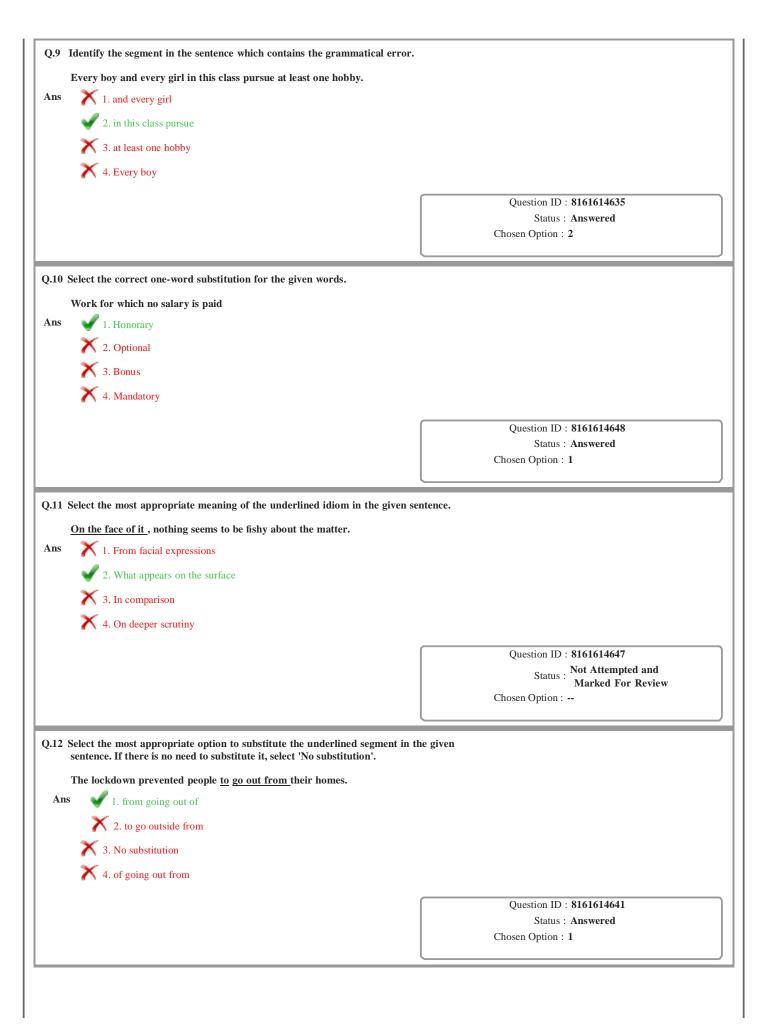
Status : Not Attempted and Marked For Review

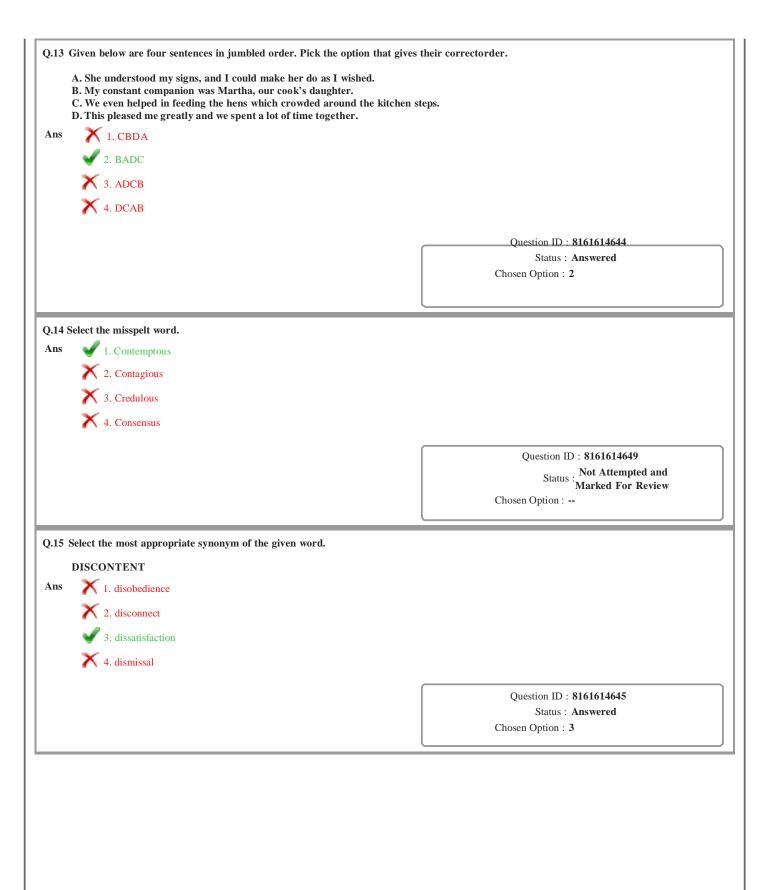
Chosen Option: --

Section: English Language









Q.16 Ans	Comprehension: In the following passage, some words have been deleted. Fill in the blanks with the alternatives given. Select the most appropriate option for each number. The judge asked the prisoner if he had anything to say. The (1) replied that he had said all he wanted. If he were (2), his accusers for their great (3) The judge could do what he wanted. He and was not afraid of anything. His faith in God was (5) SubQuestion No: 16 Select the most appropriate word to fill in blank no. 1. 1. God 2. judge 3. prisoner	God would punish
	X 4. accuser	
		Question ID: 8161614651 Status: Answered Chosen Option: 3
	Comprehension: In the following passage, some words have been deleted. Fill in the blanks with the alternatives given. Select the most appropriate option for each number. The judge asked the prisoner if he had anything to say. The (1) replied that he had said all he wanted. If he were (2), his accusers for their great (3) The judge could do what he wanted. He and was not afraid of anything. His faith in God was (5)	God would punish
	SubQuestion No: 17	
Q.17 Ans	Select the most appropriate word to fill in blank no. 2. 1. continued 2. convicted 3. controlled 4. concealed	
		Question ID: 8161614652 Status: Answered Chosen Option: 2

Comprehension: In the following passage, some words have been deleted. Fill in the blanks with alternatives given. Select the most appropriate option for each number. The judge asked the prisoner if he had anything to say. The (1)replied that he had said all he wanted. If he were (2)his accusers for their great (3) The judge could do what he wanted. Iand was not afraid of anything. His faith in God was (5) SubQuestion No: 18 Q.18 Select the most appropriate word to fill in blank no. 3. Ans	, God would punish He had a clear (4)
4. injustice	Question ID: 8161614653 Status: Answered Chosen Option: 1
Comprehension: In the following passage, some words have been deleted. Fill in the blanks with alternatives given. Select the most appropriate option for each number. The judge asked the prisoner if he had anything to say. The (1) replied that he had said all he wanted. If he were (2) his accusers for their great (3) The judge could do what he wanted. I and was not afraid of anything. His faith in God was (5) SubQuestion No: 19 Q.19 Select the most appropriate word to fill in blank no. 4. Ans	, God would punish

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. The judge asked the prisoner if he had anything to say. The (1) _____ replied that he had said all he wanted. If he were (2) _____, God would puni his accusers for their great (3) _____. The judge could do what he wanted. He had a clear (4) and was not afraid of anything. His faith in God was (5)_ SubQuestion No: 20 Q.20 Select the most appropriate word to fill in blank no. 5. 1. resolute 2. obstinate 3. complacent X 4. stalwart

Ouestion ID: 8161614655 Status: Answered

Chosen Option: 3

Comprehension:

Read the passage and answer the questions.

The therapeutic value and healing powers of plants were demonstrated to me when I was a boy of about ten. I had developed an acute persistent abdominal pain that did not respond readily to hospital medication. My mother had taken me to the city's central hospital on several occasions, where different drugs were tried on me. In total desperation, she took meto Egya Mensa, a well-known herbalist in my home town in the western province of Ghana.

This man was no stranger to the medical doctors at the hospital. He had earned the reputation of offering excellent help when they were confronted with difficult cases whereWestern medicine had failed to cure.

After a brief interview, he left us waiting in his consulting room while he went out to the field. He returned with several leaves and the bark of a tree. One of his attendants quickly prepared a decoction and handed me a glass of this preparation. It was extremely bitter but within an hour or so, I began to feel relieved. The rest of the decoction was put in two large bottles so that I could take doses periodically. Within three days, the frequent abdominal pains stopped and I recall gaining a good appetite. I have appreciated the healing powers of medicinal plantsever since.

My experience may sound unusual to those who come from urban areas of the developed world, but for those in less affluent nations such experiences are common. Studies by WHO indicate that for 75 to 90 per cent of the rural population of the world, the herbalist is the onlyperson who handles their medical problems.

In African culture, traditional medical practitioners are always considered to be influential spiritual leaders as well, using magic and religion along with medicines. Illness is handled with the individual's hidden spiritual powers and with application of plants containing healing properties.

SubQuestion No: 21

Q.21 Who was Egya Mensa?

1. The narrator

2. A herbal doctor

3. A spiritual healer

Question ID: 8161614657

Status: Answered

Read the passage and answer the questions.

The therapeutic value and healing powers of plants were demonstrated to me when I was a boy of about ten. I had developed an acute persistent abdominal pain that did not respond readily to hospital medication. My mother had taken me to the city's central hospital on several occasions, where different drugs were tried on me. In total desperation, she took meto Egya Mensa, a well-known herbalist in my home town in the western province of Ghana.

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SubQuestion No: 22

Q.22 The decoction given to the narrator was:

Ans

X

1. made from fresh fruits



2. tasty but useless



3. made from roots and herbs



4. bitter but effective

Question ID: 8161614659

Status : Answered

Read the passage and answer the questions.

The therapeutic value and healing powers of plants were demonstrated to me when I was a boy of about ten. I had developed an acute persistent abdominal pain that did not respond readily to hospital medication. My mother had taken me to the city's central hospital on several occasions, where different drugs were tried on me. In total desperation, she took meto Egya Mensa, a well-known herbalist in my home town in the western province of Ghana.

This man was no stranger to the medical doctors at the hospital. He had earned the reputation of offering excellent help when they were confronted with difficult cases whereWestern medicine had failed to cure.

After a brief interview, he left us waiting in his consulting room while he went out to the field. He returned with several leaves and the bark of a tree. One of his attendants quickly prepared a decoction and handed me a glass of this preparation. It was extremely bitter but within an hour or so, I began to feel relieved. The rest of the decoction was put in two large bottles so that I could take doses periodically. Within three days, the frequent abdominal pains stopped and I recall gaining a good appetite. I have appreciated the healing powers of medicinal plantsever since.

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SubQuestion No: 23

Q.23 Which of the following statements is NOT true?

Ans

1. The narrator was asked to take periodic doses of the decoction.



2. The narrator complained of frequent abdominal pains.



3. The narrator is sceptic about the healing powers of plants.

×

4. The narrator paid several visits to the city's central hospital.

Question ID: 8161614661

Status : Answered

Read the passage and answer the questions.

The therapeutic value and healing powers of plants were demonstrated to me when I was a boy of about ten. I had developed an acute persistent abdominal pain that did not respond readily to hospital medication. My mother had taken me to the city's central hospital on several occasions, where different drugs were tried on me. In total desperation, she took meto Egya Mensa, a well-known herbalist in my home town in the western province of Ghana.

This man was no stranger to the medical doctors at the hospital. He had earned the reputation of offering excellent help when they were confronted with difficult cases whereWestern medicine had failed to cure.

After a brief interview, he left us waiting in his consulting room while he went out to the field. He returned with several leaves and the bark of a tree. One of his attendants quickly prepared a decoction and handed me a glass of this preparation. It was extremely bitter but within an hour or so, I began to feel relieved. The rest of the decoction was put in two large bottles so that I could take doses periodically. Within three days, the frequent abdominal pains stopped and I recall gaining a good appetite. I have appreciated the healing powers of medicinal plantsever since.

My experience may sound unusual to those who come from urban areas of the developed world, but for those in less affluent nations such experiences are common. Studies by WHO indicate that for 75 to 90 per cent of the rural population of the world, the herbalist is the onlyperson who handles their medical problems.

In African culture, traditional medical practitioners are always considered to be influential spiritual leaders as well, using magic and religion along with medicines. Illness is handled with the individual's hidden spiritual powers and with application of plants containing healing properties.

SubQuestion No: 24

Q.24 The traditional medical practitioners are found:

Ans

1. in WHO

X 2. in African culture

X 3. in Ghana

4. around the world

Question ID: 8161614660

Status : Answered Chosen Option : 2

Read the passage and answer the questions.

The therapeutic value and healing powers of plants were demonstrated to me when I was a boy of about ten. I had developed an acute persistent abdominal pain that did not respond readily to hospital medication. My mother had taken me to the city's central hospital on several occasions, where different drugs were tried on me. In total desperation, she took meto Egya Mensa, a well-known herbalist in my home town in the western province of Ghana.

This man was no stranger to the medical doctors at the hospital. He had earned the reputation of offering excellent help when they were confronted with difficult cases whereWestern medicine had failed to cure.

After a brief interview, he left us waiting in his consulting room while he went out to the field. He returned with several leaves and the bark of a tree. One of his attendants quickly prepared a decoction and handed me a glass of this preparation. It was extremely bitter but within an hour or so, I began to feel relieved. The rest of the decoction was put in two large bottles so that I could take doses periodically. Within three days, the frequent abdominal pains stopped and I recall gaining a good appetite. I have appreciated the healing powers of medicinal plantsever since.

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In African culture, traditional medical practitioners are always considered to be influential spiritual leaders as well, using magic and religion along with medicines. Illness is handled with the individual's hidden spiritual powers and with application of plants containing healing

SubQuestion No: 25

Q.25 Egya Mensa was reputed to:

1. cure all patients in the central hospital



2. heal people by magic and religion



3. help where Western medicines failed



4. handle 75 per cent of rural population

Question ID: 8161614658

Status: Answered

Chosen Option: 4

Section: Quantitative Aptitude

If $x^2 - 3\sqrt{2}x + 1 = 0$, then the value of $x^3 + \frac{1}{x^3}$ is:

X 1. 36√6

× 2. 24√6

√ 3. 45√2

 \times 4. $54\sqrt{2}$

Question ID: 8161614677 Status: Answered

Q.2 If $a^3 + b^3 + c^3 - 3abc = 250$ and a + b + c = 10, then what is the value of ab + bc + ca?

Ans

X 1. 15

2. 25

X 3. 20

X 4. 24

Question ID: 8161614678 Status: Answered

Chosen Option: $\boldsymbol{2}$

 $\text{If } (\cos^2\theta - 1)(2\sec^2\theta) + \sec^2\theta + 2\tan^2\theta = 2\,, 0\,^{\circ} < \theta < 90^{\circ}\,, \\ \text{then } \frac{(\csc\theta + \cos\theta)}{(\csc\theta - \cos\theta)} \text{ is equal to: }$

Ans

1. $4\sqrt{2}$

X 2. 1

3. 3

4. $2\sqrt{2}$

Question ID: 8161614682

Status: Not Answered

Chosen Option: --

Q.4 The compound interest on a certain sum at a certain rate percentage p.a. for the second year and third year are ₹3,960 and $\overline{\xi}4,356$ respectively. What sum is the amount of the same sum at the same rate in $2\frac{1}{2}$ years, interest compounded

Ans

X 1. ₹45,837

2. ₹45,738

3. ₹43,650

4. ₹43,560

Question ID: 8161614673

Status: Not Answered

Chosen Option: --

Q.5 If the 5-digit number 457xy is divisible by 3, 7 and 11, then what is the value of (2x + 5y)?

Ans

X 1. 17

X 2. 21

X 3. 48

4. 46

Question ID: 8161614663

Status : Not Attempted and Marked For Review

Q.6 The side BC of \triangle ABC is produced to D. The bisectors of \angle ABC and \angle ACD meet at E. If AB = AC and \angle BEC = 24°, then the measure of ∠ABC is:

Ans

1. 66°

X 2. 72°

X 3. 60°

X 4. 48°

Question ID: 8161614681 Status: Not Answered

Chosen Option: --

Q.7 If $8x^6 - 6\sqrt{6}y^6 = (2x^2 + Ay^2)(4x^4 + Bx^2y^2 + Cy^4)$, then what is the value of $(A^2 - B^2 + C^2)$?

Ans X 1. 42

2. 18

X 3. 36

X 4. 30

Question ID: 8161614679 Status: Not Answered

Chosen Option: --

Study the given table and answer the following question: Q.8

Annual consumption (in hundred tonnes) of tea in five states (A, B, C, D and E) across 6 years (2014 to 2019):

State Year	A	В	С	D	E
2014	112	130	136	105	117
2015	122	138	150	140	120
2016	124	134	142	144	132
2017	132	154	198	149	133
2018	135	148	187	151	145
2019	153	136	198	150	187

The consumption of tea in which state and year is closest to 1.1 times the average consumption of tea in state E over 6 years?

Ans

✓ 1. A in 2019

X 2. C in 2015

X 3. D in 2018

X 4. B in 2017

Question ID: 8161614685

Status: Answered

Q.9 Thirty persons working 6 hours a day can complete a work in 28 days. How many days will 28 persons take to complete another work which is two times the present work, if they work 9 hours a day? Ans **1.** 40

× 2. 42

X 3. 36

X 4. 45

Question ID: 8161614674 Status: Answered

Chosen Option: ${\bf 1}$

Q.10 A is 48% more than B. C is 60% more than twice the difference between A and B. By what percent is C more than A (correct to one decimal place)?

Ans

X 1. 4.6%

√ 2. 3.8%

X 3. 5.2%

X 4. 4.1%

Question ID: 8161614668 Status: Answered

Chosen Option: 2

Q.11 Study the given table and answer the following question:

Annual consumption (in hundred tonnes) of tea in five states (A, B, C, D and E) across 6 years (2014 to 2019):

Year Year	Α	В	С	D	E
2014	112	130	136	105	117
2015	122	138	150	140	120
2016	124	134	142	144	132
2017	132	154	198	149	133
2018	135	148	187	151	145
2019	153	136	198	150	187

The total consumption of tea in state C in 2015 to 2017 is by what percentage more than the total consumption of tea in states A, B and D in 2015?

1. 22.5%

Ans

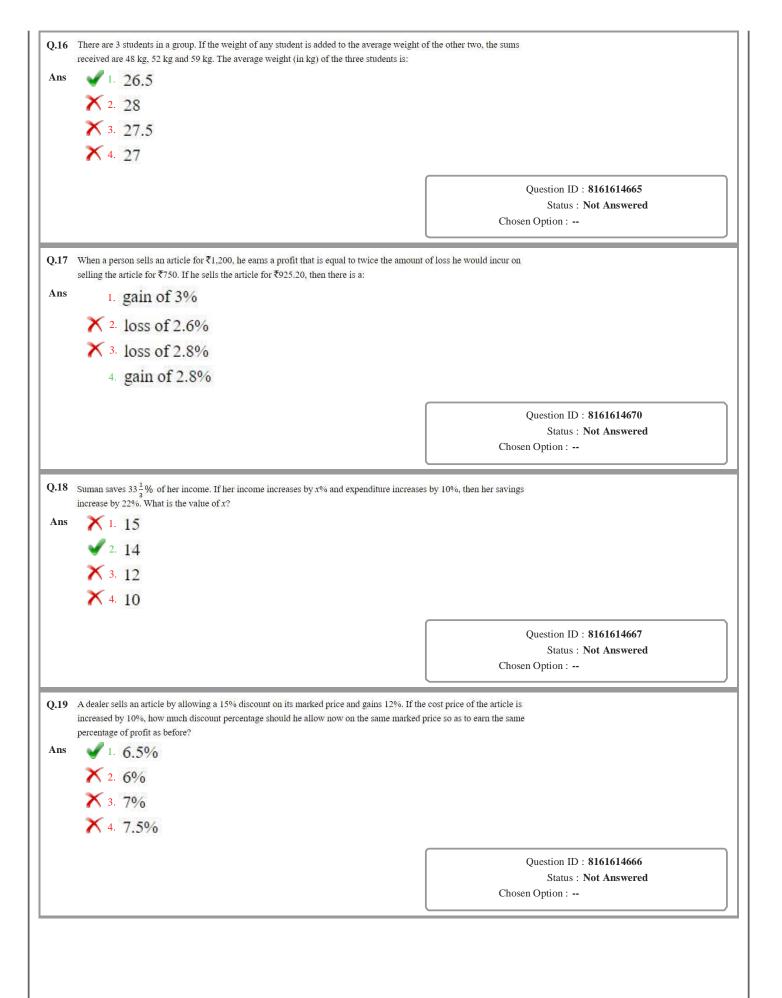
× 2. 18.4%

X 3. 20.6%

X 4. 23.8%

Question ID: 8161614686

Status: Answered



Q.20 The average age of all the employees in an office is 42 years. 60% of the employees are males and the rest are females. The ratio of the average age of males to that of females is 6:5. What is the average age (in years) of male employees?

Ans

- **√** 1. 45
- X 2. 40
- X 3. 42.5
- X 4. 37.5

Question ID: 8161614664
Status: Not Answered

Chosen Option: --

Q.21 In \triangle ABC, \angle B = 90°, AC = 29 cm and BC = 20 cm. Then $\frac{1-sinA+cosA}{1+sinA+cosA}$ is equal to:

Ans

- \times 1. $\frac{3}{8}$
- **X** 2. $\frac{1}{2}$
 - 3. - 7
- × 4. 1/4

Question ID: 8161614683 Status: Not Answered

Chosen Option: --

Q.22 A sum of \mathfrak{T}_X is divided between A, B, C and D such that the ratio of the shares of A and B is 2:3, that of B and C is 8:9 and that of C and D is 3:4. If C's share is \mathfrak{T}_{A} 347, then the value of x is:

Ans

- X 1. 16,686
- 2. 16,583
- × 3. 16,422
- × 4. 16,788

Question ID: 8161614672 Status: Answered

Chosen Option : $\boldsymbol{2}$

Q.23 The cost prices of articles A and B are the same. A is sold at 20% profit, whereas B is sold for ₹54.60 more than the selling price of A. If the overall profit earned on selling A and B is 28%, then what is the cost price of each article?

Ans

- X 1. ₹348
- **X** 2. ₹342.75
- **√** 3. ₹341.25
- **X** 4. ₹345

Question ID: 8161614669
Status: Not Answered

Q.24 Study the given table and answer the following question:

Annual consumption (in hundred tonnes) of tea in five states (A, B, C, D and E) across 6 years (2014 to 2019):

State Year	Α	В	С	D	E
2014	112	130	136	105	117
2015	122	138	150	140	120
2016	124	134	142	144	132
2017	132	154	198	149	133
2018	135	148	187	151	145
2019	153	136	198	150	187

The ratio of the total consumption of tea in states B, D and E in 2018, 2014 and 2019 respectively to the total consumption of tea in states A and C in 2017 and 2019 respectively is:

Ans

X 1. 17:18

X 2. 3:2

√ 3. 4:3

X 4. 30 : 23

Question ID: 8161614684 Status: Answered Chosen Option: 3

Q.25 The speed of a boat downstream is 2.5 times its speed upstream. If the total time taken by the boat for going 15 km downstream and the same distance upstream is $4\frac{2}{3}$ hours, then what is the speed (in km/h) of the boat downstream?

Ans

× 1. 10 5/8

2. $11\frac{1}{4}$

3. $11\frac{1}{2}$

X 4. 10

Question ID: 8161614675 Status: Not Answered

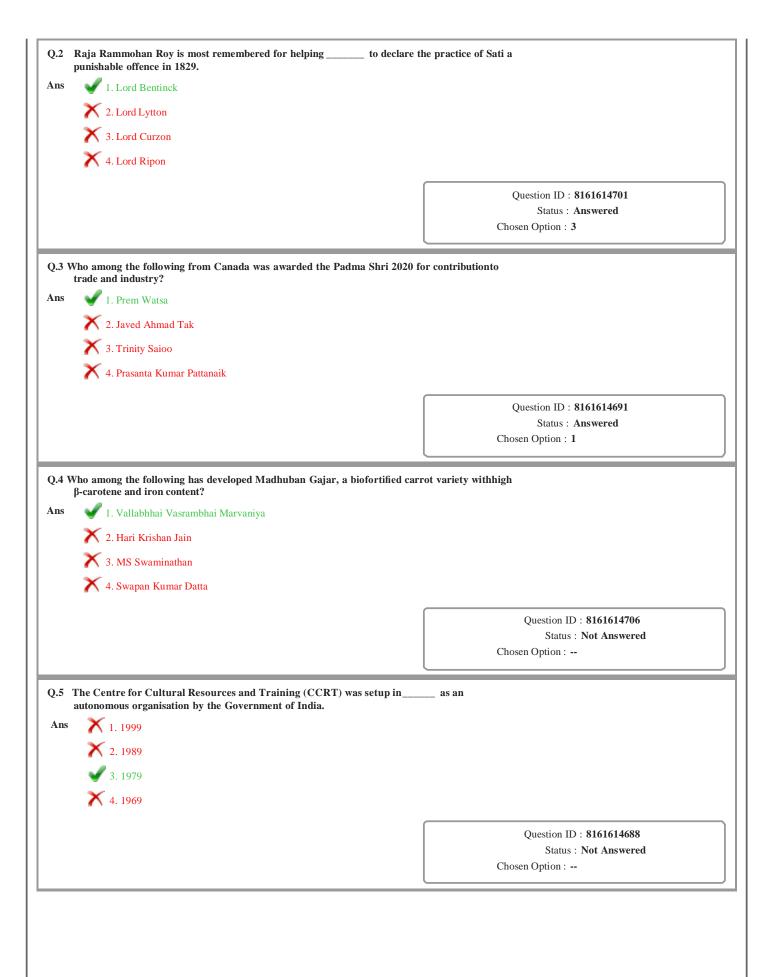
Chosen Option: --

Section: General Awareness

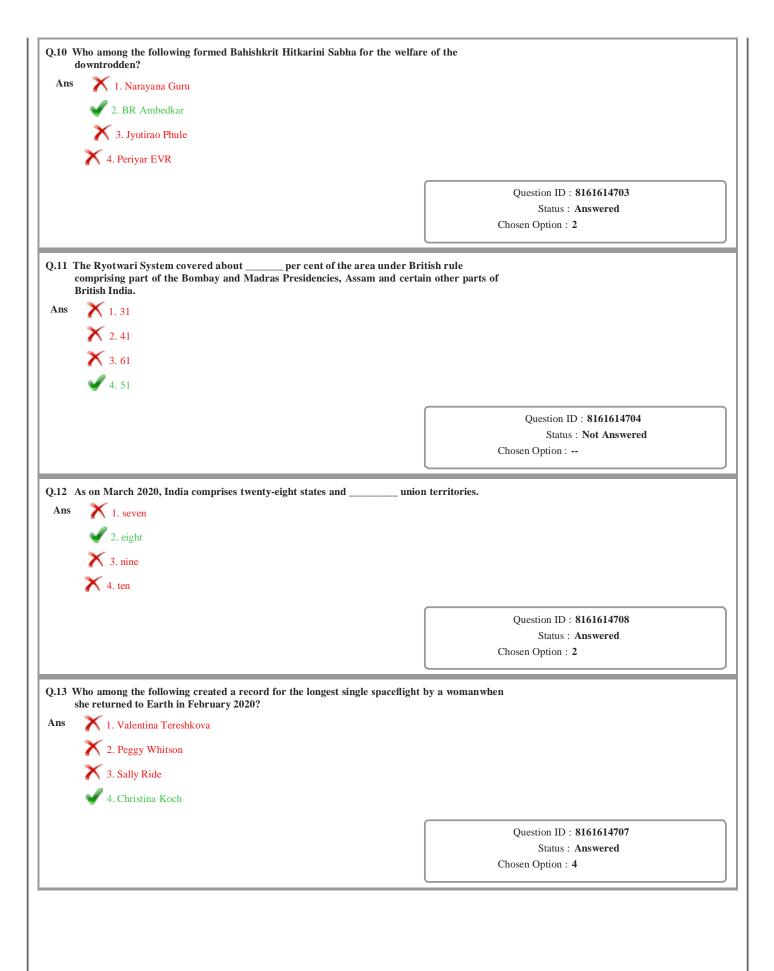
Q.1 The Modern Periodic Table has 18 vertical columns known as 'groups' and ___ horizontal rows known as 'periods'.

Ans

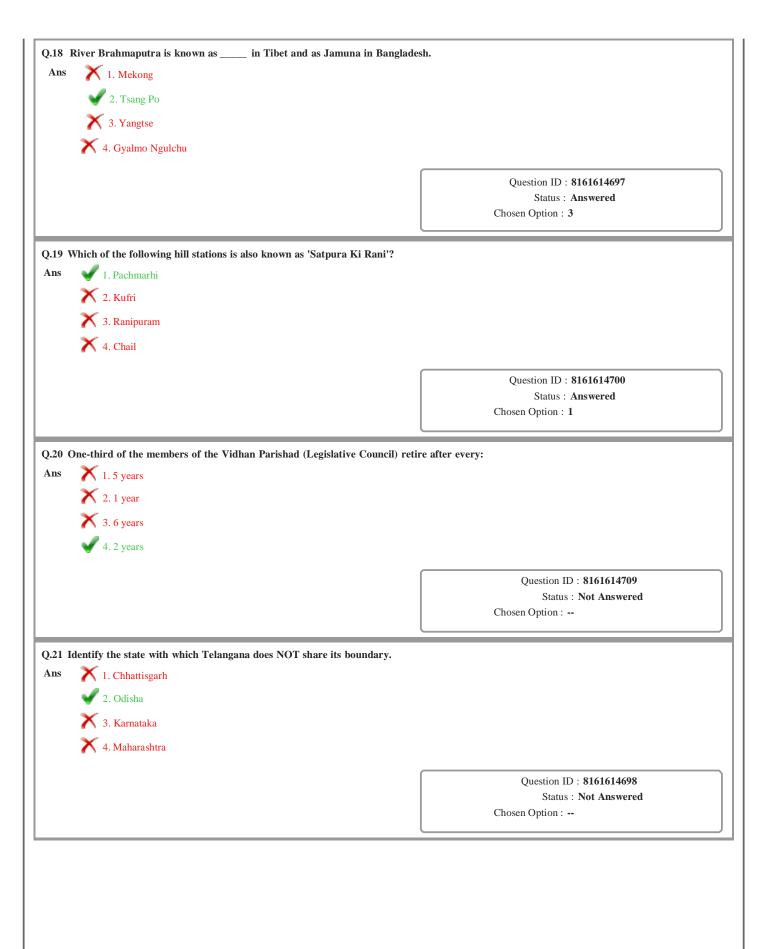
Question ID: 8161614693 Status: Answered Chosen Option: 4



Q.6	The National Science Day (NSD) 2020 was celebrated on February 28, with focal theme of the programme.	as the
Ans	1. 'research in healthcare'	
	2. 'women in science'	
	3. 'immunisation for influenza'	
	X 4. 'collaboration with nature'	
		O I D OLGENIA
		Question ID: 8161614695 Status: Answered
		Chosen Option : 4
Q.7	Who among the following participated at the Parliament of Religions held in September 1893?	Chicago (USA)in
Ans	X 1. Periyar EV Ramaswamy	
	2. Swami Vivekananda	
	X 3. Swami Dayanand	
	X 4. Ramakrishna Paramahansa	
		Question ID : 8161614687
		Status: Not Answered
		Chosen Option :
Q.8	World Health Day 2020 was celebrated on with the theme of suppo	rting nurses and
Q.o	midwives.	rung nurses and
Ans	1. March 9	
	2. April 9	
	3. March 7	
	√ 4. April 7	
		Question ID : 8161614690
		Status : Answered
		Chosen Option: 4
Q.9	On which river is the Singur Dam built?	
Ans	X 1. Periyar	
	X 2. Brahmaputra	
	3. Manjeera	
	× 4. Indus	
		Occasion ID 94/4/44/09
		Question ID: 8161614699 Status: Not Answered
		Chosen Option :



	Kumar Manish Arvind has been awarded the Sahitya Akademi Award 2019 poetry in thelanguage.	for his works of
Ans	X 1. Bodo	
	× 2. Hindi	
	√ 3. Maithili	
	× 4. Sanskrit	
		Question ID: 8161614705 Status: Not Answered
		Chosen Option :
	Who among the following was one of the three Indian teachers shortlisted in Varkey Foundation Global Teacher Prize 2020, held in partnership with UN	
Ans	X 1. Omprakash Mishra	
	× 2. Anil Pradhan	
	√ 3. Shuvajit Payne	
	4. Kiran Bir Sethi	
		Question ID: 8161614692 Status: Not Answered
		Chosen Option :
Q.16 _	are the only birds that can fly backwards.	
Ans	1. Mallards	
	2. Common cranes	
	3. Whooper swans	
	4. Hummingbirds	
		Question ID : 8161614696
		Status : Answered
		Chosen Option: 3
0.17	As of May 2020, Om Birla is the speaker of the:	
Ans	1. Fourteenth Lok Sabha	
	2. Fifteenth Lok Sabha	
	✓ 3. Seventeenth Lok Sabha	
	× 4. Sixteenth Lok Sabha	
	1	
		Question ID : 8161614710
		Status : Answered Chosen Option : 4



	The first passenger train between Bori Bunder and Thane ran in the year	
ns	1. 1863	
	2. 1849	
	3. 1853	
	4. 1877	
		0 1 10 0161614100
		Question ID : 8161614702 Status : Answered
		Chosen Option: 4
.23	is one of the hormones made by the thyroid gland, by using iodine.	
ns	1. Thromboxane	
	× 2. Cortistatin	
	3. Thyroxin	
	× 4. Cortisol	
	4. Cottisor	
		Question ID: 8161614694
		Status : Answered
		Chosen Option: 3
	3. Punjab 4. Gujarat	
- /		
Ì		Question ID : 8161614680
		Question ID : 8161614689 Status : Not Answered
ļ		
	Vimbledon 2020 was cancelled due to the Coronavirus (COVID-19) outbre	Status : Not Answered Chosen Option :
1	Vimbledon 2020 was cancelled due to the Coronavirus (COVID-19) outbre world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option : ak across the
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option : ak across the
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option : ak across the
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option :
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option :
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option :
	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status : Not Answered Chosen Option : ak across the
1	world. This is the time since World War II that the oldest Grand Sl ournament will not be played.	Status: Not Answered Chosen Option: ak across the am tennis

Examination for Selection Posts Phase VIII 2020 14th Dec 2020

Roll Number	
Candidate	[!
Name	<u>i</u>
Venue Name	
Exam Date	14/12/2020
Exam Time	4:00 PM - 5:00 PM
Subject	Examination for Selection Posts Phase VIII 2020 Graduate level

Section: General Intelligence

Q.1 Select the option that is related to the third word in the same way as the second word is related to the first word.

Anemometer: Wind:: Sphygmomanometer:?

Pressure

X 2. Strains

3. Blood pressure

X 4. Humidity

Question ID: 6549784675

Status: Answered

Chosen Option: 3

Q.2

In a code language, PERSONNEL is written as EELNNOPRS. How will INDIVIDUAL be written in the same

Ans lau ge? ACDIIILNUV

√ 2. ADDIIILNUV

X 3. ADDITINUVA

X 4. ADDILINUV

Question ID: 6549784676

Status: Not Answered

Chosen Option: --

Q.3

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.

Ans LI 11 JMDHD ?

X 2. JMCHD

X 3. JNEHD

X 4. JNCHD

Question ID: 6549784671

Status: Answered

Ans	× 1. 25	
	× 2. 39	
	× 3. 32	
	✓ 4. 28	
		Question ID : 6549784680
		Status : Not Answered
		Chosen Option :
_		
Q.5	In a code language, SICK is written as JBHR. How will CURE be written it	n the same language?
Ans	X 1. DATR	
	✓ 2. DQTB	
	X 3. JRCG	
	X 4. GHRT	
		Question ID : 6549784677
		Status : Not Answered
		Chosen Option :
Q.6	Select the option that represents the letters that, when placed from left to right in the blank letter series. abde_bcea_ce	s below, will complete the
Q.6	letter series.	s below, will complete the
	letter series. abde_bcea_ce	s below, will complete the
	letter series. abde_bcea_ce 1. ccdbcdac	s below, will complete the
	letter series. ab_de_bc_ea_c_e 1. ccdbcdac 2. ccbcdace	s below, will complete the
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered
	letter series. abde_bcea_ce 1. ccdbcdac 2. ccbcdace 3. ccdacdbc	Question ID: 6549784682 Status: Not Answered

 $\textbf{Q.4} \quad \text{If in a code language, LINE is written as } 31 \text{ and CUBE is written as } 12, \text{then how will DOT be written in the same}$

Q.7 Three statements are given, followed by four conclusions numbered I, II, III and IV. 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:

- 1. Some students are boys.
- 2. All boys are honest.
- 3. Some honest are toppers.

Conclusions:

- I. Some toppers are boys.
- II. Some honest are boys.
- III. Some honest are students.

IV. Some tonners are students

Ans

- Only conclusions I, II and IV follow
- 2. Only conclusions I and IV follow
- 3. Only conclusion IV follows
- 4. Only conclusions II and III follow

Question ID: 6549784687

Status: Answered

Chosen Option: 4

Q.8 In which of the following options is the given figure embedded (rotation is NOT allowed).



Ans









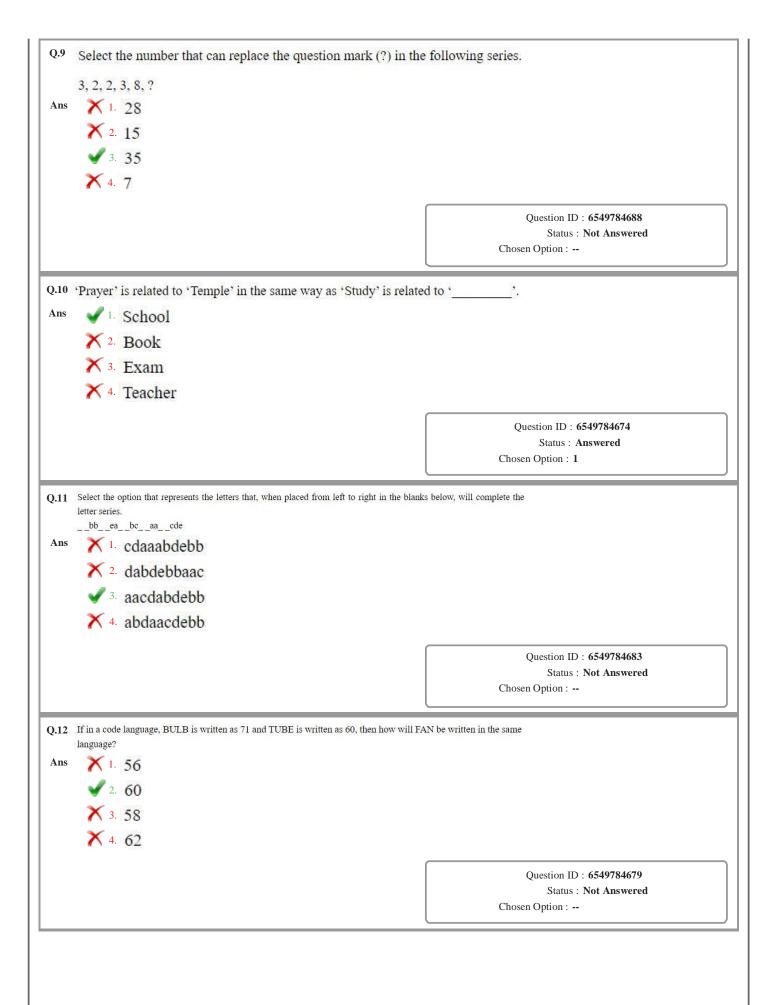


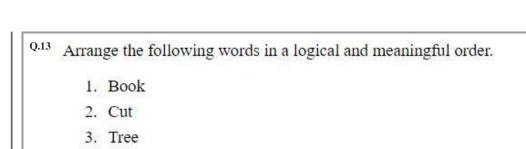


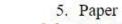


Question ID: 6549784693

Status : Answered







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

4. Print

√ 2. 3, 2, 5, 4, 1

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

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

Question ID: 6549784672

Status : Answered

Chosen Option: 2

Q.14 Arrange the following words in a logical and meaningful order.

- 1. Vacancy
- 2. Examination
- 3. Job
- 4. Study
- 5. Admission
- 6. Degree

Ans X 1. 1, 3, 4, 6, 5, 2

X 2. 1, 2, 4, 6, 5, 3

X 3. 5, 4, 1, 2, 6, 3

4. 5, 4, 2, 6, 1, 3

Question ID: 6549784673

Status : Answered

Chosen Option: 4

Q.15 Amar is the brother of Babul; Babul is the sister of Krishan; and Krishan is father of Durga who is the only daughter of Krishan. How is Durga related to Amar?

Ans

X 1. Sister

✓ 2. Niece

X 3. Mother

X 4. Wife

Question ID: 6549784684 Status: Answered

Q.16 Three different positions of the same cube are shown (figures A, B and C). Select the digit that will be on the face opposite to the face having the digit '3'. Question ID: 6549784692 Status: Answered Chosen Option: 1 Q.17 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. JUST: KXXA:: MILE:? Ans 1. NLQL X 2. NJQL X 3. NLQM X 4. NLLQ Question ID: 6549784670 Status: Answered Chosen Option: ${\bf 1}$ Q.18 रमन उस शीला का बेटा है, जो राधिका की बहन है। राधिका, द्रोपदी की बेटी है और शिवम, द्रोपदी का बेटा है। निम्न में से कौन सा कथन सही संबंध दर्शाता है? 🗶 । रमन और शिवम भाई हैं। X 2. द्रोपदी, रमन की मां है। 🗙 3. शिवम, शीला का पिता है। √ 4 राधिका, रमन की मौसी है। Question ID: 6549784685 Status: Answered Chosen Option: 4

Q.19 If $6 \div 2 \# 3 = 9$ and $24 \div 6 \$ 4 = 8$, then what will be the value of the given expression? 21 # 3 \$ 7 X 1. 49 Ans **2**. 70 X 3. 14 X 4. 9 Ouestion ID: 6549784690 Status: Answered Chosen Option: 2 Q.20 In a code language, BOOK is written as CMRS. How will COPY be written in the same language? X 1. DMRD √ 2. DQSC X 3. DMRZ X 4. DMRE Question ID: 6549784678 Status : **Answered** Chosen Option: 2 Q.21 If in a code language, BOX is written as 31425 and FUN is written as 72015, then how will LION be written in the same language? Ans √ 1. 1381415 × 2. 3184115 X 3. 13101615 X 4. 16151310 Question ID: 6549784681 Status: Not Answered Chosen Option: --

Q.22 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure. Ans Question ID: 6549784694 Status : Answered Chosen Option: 1 Q.23 Select the number that is related to the third number in the same way as the second number is related to the first number. 83:121::12:? **X**1. 3 Ans **X** 4. 76 Question ID: 6549784689 Status: Answered Chosen Option : $\boldsymbol{2}$

Q.24 Select the figure that can replace the question mark (?) in the following figure series.

Ans

1.

2.

3.

4.

Chose

Question ID : 6549784691 Status : Answered Chosen Option : 3

Q.25 Three 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:

- 1. All boats are cats.
- 2. All cats are bats.
- 3. All bats are rabbits.

Conclusions:

I. All cats are rabbits.

II. All bats are boats.

Ans

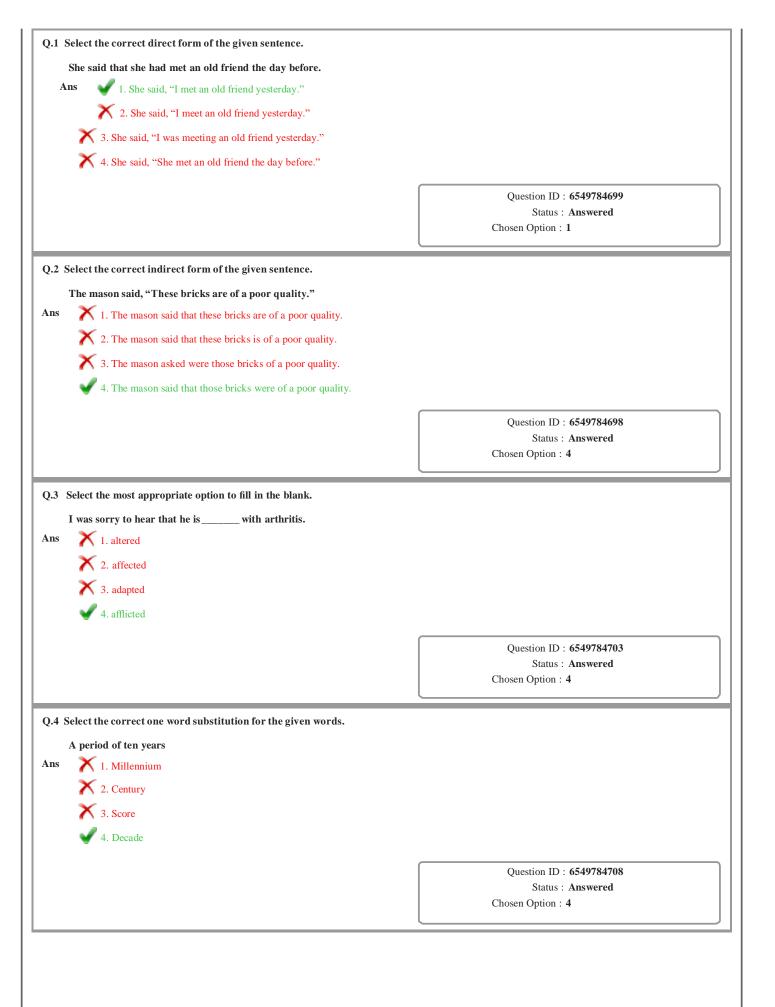
- III. All boats are rabbits
 - Only conclusions I and III follow
 - 2. Only conclusion I follows
 - 3. Only conclusions II and III follow
 - 4. Only conclusions I and II follow

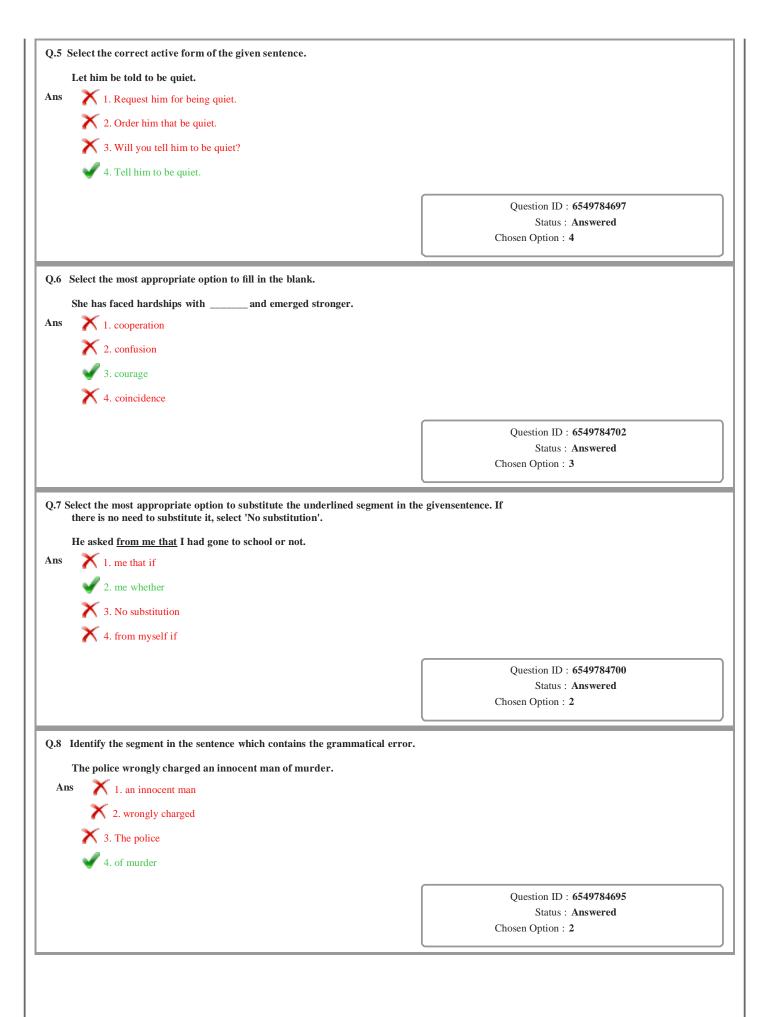
Question ID: 6549784686

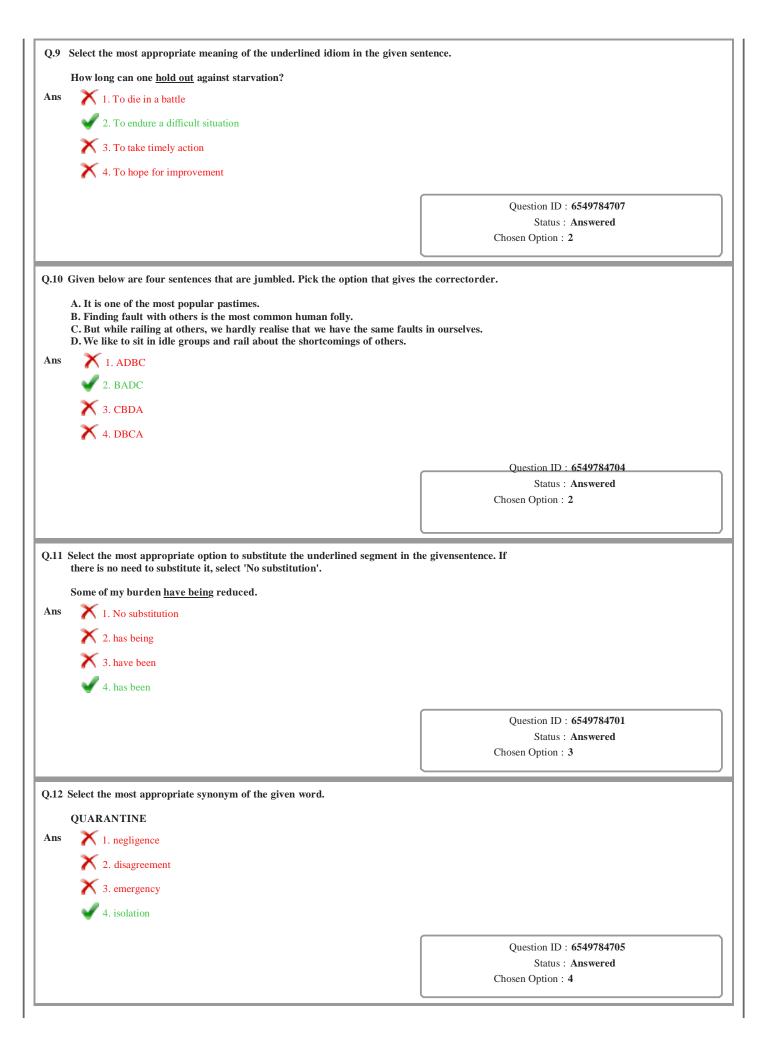
Status : Answered

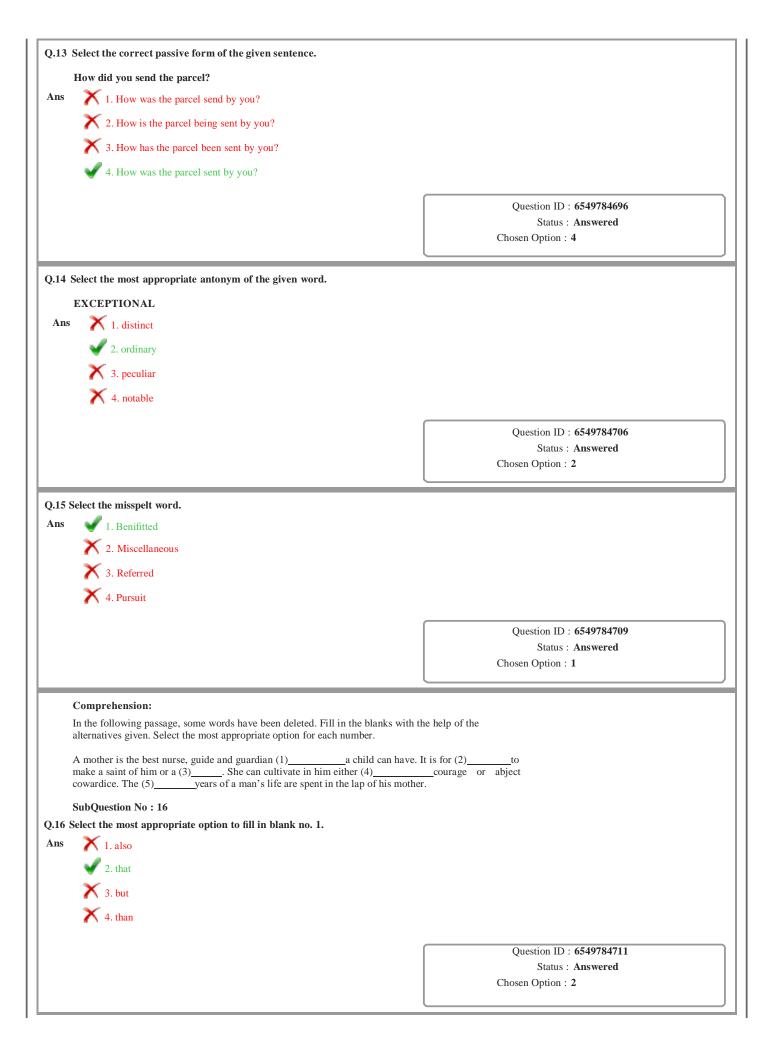
Chosen Option: 1

Section: English Language









	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. A mother is the best nurse, guide and guardian (1)				
	make a saint of him or a (3) She can cultivate in him either (4) cowardice. The (5) years of a man's life are spent in the lap of his mother.	_courage or abject			
O 17	SubQuestion No: 17 Select the most appropriate option to fill in blank no. 2.				
Ans	1. her				
AllS					
	2. him				
	× 3. us				
	× 4. them				
	* (don				
	ſ	Question ID : 6549784712			
		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.				
		best nurse, guide and guardian (1)a child can have. It is for (2)to			
	make a saint of him or a (3) She can cultivate in him either (4) cowardice. The (5) years of a man's life are spent in the lap of his mother.	_courage or abject			
0.10	SubQuestion No: 18				
_	Select the most appropriate option to fill in blank no. 3.				
Ans	1. wicked				
	× 2. spirit				
	X 3. angel				
	✓ 4. devil				
	4. devii				
	ſ	Question ID : 6549784713			
		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.				
	A mother is the best nurse, guide and guardian (1)a child can have. It				
	make a saint of him or a (3) She can cultivate in him either (4) cowardice. The (5) years of a man's life are spent in the lap of his mother.	_courage or abject			
0.10	SubQuestion No: 19				
-	Q.19 Select the most appropriate option to fill in blank no. 4.				
Ans	1. unkempt				
	2. unaware				
	✓ 3. undaunted				
	X 4. unheard				
	4. unneard				
	ſ	Question ID: 6549784714			
		Status: Answered			
		Chosen Option: 3			

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. A mother is the best nurse, guide and guardian (1) _____a child can have. It is for (2) _____to make a saint of him or a (3) _____. She can cultivate in him either (4) _____courage or abject cowardice. The (5) ______years of a man's life are spent in the lap of his mother. SubQuestion No: 20 Q.20 Select the most appropriate option to fill in blank no. 5. X 1. forthcoming 2. anticipated

Question ID: 6549784715 Status: Answered

Chosen Option: 1

Comprehension:

Read the passage and answer the questions.

Plastic is man-made material that is produced from oil and gaseous raw materials. Plastic cannot be destroyed. When burnt, it emits toxic gases, inhalation of which leads to lung infections, respiratory problems and bronchitis. Thus, plastic becomes a major toxic hazardwhich taxes the environment. The pigments used for colouring plastic contaminate food,

causing food poisoning, kidney failure and bone abnormality, especially in children. Therefore, only certified food grade plastics should be used in the food industry. Plastics, if used excessively and not disposed of carefully, choke the drainage system making it a breedingground for mosquitoes, flies and bacteria. If allowed to become a part of the unattended garbage, it prevents the growth of plants and affects soil fertility and water percolation in the ground. There are some good and bad plastics used in our daily life. Bad plastics are mostly polymersand polypropylene. They decompose and release hazardous substances. Polystyrene and vinyl chloride are also toxic. Plastics should not be used for products that come in contact with food.

Plastics can be a boon as they are cheap, durable, easy to maintain and clean and light in weight. They also help reduce the use of non-renewable natural resources like metals. Whenused as durable goods, they have a life of decades. If disposed of properly, plastics are acceptable. The danger however lies in the indiscriminate use of cheap-quality hazardous andtoxic plastics in packing and food industry, where they should be reduced, weeded out or usedunder strict legislation only. Monitoring of production, use and disposal of plastics is also necessary. The way to prevent environment and health problems caused by plastic waste is simply to avoid the generation of plastics in packaging industry and to produce fewer types ofplastics. The need of the hour is to say 'no' to plastic bags and 'yes' to cloth, paper and jute

bags as they save money, are recyclable and generate employment. We should discourage theuse of plastics and try to disseminate this information.

SubQuestion No: 21

Q.21 Which of the following qualities/characteristics makes plastics unfavourable? Ans

1. They are durable.

2. They cannot be destroyed.

They are light in weight.

4. They are not expensive.

Question ID: 6549784719

Status: Answered

Read the passage and answer the questions.

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SubQuestion No: 22

Q.22 Plastics can become hazardous when:

1. their production is closely monitored



2. used under strict legislation



3. not properly disposed of



X 4. used sparingly with caution

Question ID: 6549784720

Status: Answered

Read the passage and answer the questions.

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SubQuestion No: 23

Q.23 What is the purpose of this article?

1. To completely ban the use of plastic



2. To discourage the indiscriminate use of plastic



3. To enumerate the methods of plastic disposal



4. To save the food industry from plastics

Question ID: 6549784721

Status: Answered

Read the passage and answer the questions.

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SubQuestion No: 24

Q.24 Burning of plastic leads to the:



1. choking of drains



2. emission of toxic gases



X 3. growth of bacteria



4. contamination of food

Question ID: 6549784717

Status: Answered

Read the passage and answer the questions.

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SubQuestion No: 25

Q.25 Which of the following is NOT toxic in nature?

1. Pigments used for colouring plastics



2. Certified food grade plastic



3. Vinyl chloride



4. Polystyrene

Question ID: 6549784718

Status: Answered

Chosen Option: 2

Section: Quantitative Aptitude

A shopkeeper gives an initial discount of 15% on the marked price of the sewing machine. He then gives 8% additional discount on the discounted price. If the final sale price of the machine is ₹1,564, find the marked price.

Ans

1. ₹2,000

× 2. ₹3,500

× 3. ₹3,000

× 4. ₹2,500

Question ID: 6549784726 Status: Answered

Q.2 If the number 556743A57B is divisible by 8 and 9, then find the value of A - B.

Ans

X 1. 3

2. **0**

X 3. 2

X 4. 1

Question ID: 6549784723
Status: Answered

Chosen Option: 2

Q.3 The total consumption of sugar was 20 kg per month for a family. As the price of sugar increased by 35%, the family reduced its consumption so that the expenditure on sugar is increased only by 8%. By how much was the consumption of sugar per month reduced due to increase in the price of sugar?

Ans

- 1. 6 kg
- 2. 5 kg
- 3. 2.5 kg
- 4. 4 kg

Question ID : 6549784728
Status : Answered
Chosen Option : 4

Q.4 If $a + b = \frac{7}{3}$ and $a^2 + b^2 = \frac{31}{9}$, find $27(a^3 + b^3)$.

Ans

- X 1. 156
- X 2. 164
- **3**. 154
- X 4. 152

Question ID : **6549784742** Status : **Answered**

Chosen Option: 3

Q.5 The ratio of the present ages of Prabhu and Ramesh is 4:7, respectively. After 5 years, the ratio will change to 5:8. Find the present age of Prabhu.

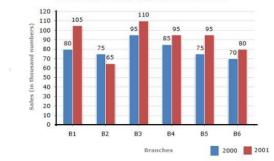
Ans

- X 1. 22 years
- × 2. 25 years
- 3. 20 years
- × 4. 24 years

Question ID : 6549784731 Status : Answered

Q.6 Study the following bar graph and answer the question that follows.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



The ratio of the total sales of books for branches B2, B4 and B5 taken together for the year 2000 to the total sales of books for branches B1, B3 and B6 taken together for the year 2001 is:

Ans

X 1. 59:47

× 2. 43:37

3. 47 : 59

× 4. 37:43

Question ID: 6549784744

Status: Answered

Chosen Option: 3

Q.7 If a positive integer 'n' is divided by 7, the remainder is 4. What is the remainder if '5n' is divided by 7?

X 1. 4

X 2. 5

X 4. 3

Question ID: 6549784722

Status: Answered

Chosen Option: 3

Q.8 Out of five numbers A,B,C,D and E, the average of the first four numbers A,B,C and D is greater than the average of the last four numbers B,C,D and E by 35. Find the difference between A and E.

Ans

1. 140

X 2. 130

X 3. 120

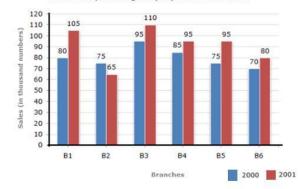
X 4. 80

Question ID: 6549784724

Status: Answered

Q.9 Study the following bar graph and answer the question that follows.

> Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



The ratio of the total sales of books for all branches taken together for the year 2000 to that of 2001 is: 1.48:55

X 2. 37:55

3. 55:48 × 4. 55 ; 37

> Question ID: 6549784745 Status: Answered

Chosen Option: 1

Q.10 A man takes 5 minutes to cover a certain distance at a speed of 6 km/h. If he walks with a speed of 10 km/h, how long will he take to cover the same distance?

1. 2 minutes 30 seconds

× 2. 2 minutes

3. 3 minutes

X 4. 4 minutes

Question ID: 6549784736 Status: Answered

Chosen Option: 3

Q.11 The length, breadth and height of a rectangular box are in the ratio of 3:2:4 respectively and the cost of covering it with a sheet of paper at the rate of ₹1.50 per square metre is ₹1,950. Find the volume of the box.

Ans

X 1. 3500 m³

✓ 2. 3000 m³

X 3. 3200 m³

X 4. 2000 m³

Question ID: 6549784739

Status: Answered

Q.12 If the lengths of three sides of a triangle are 10 cm, 24 cm and 26 cm, then the length of the median to its greater side is equal to:

Ans

X 1. 5 cm

× 2. 12 cm

X 3. 6 cm

✓ 4. 13 cm

Question ID: 6549784743
Status: Not Answered

Chosen Option: --

Q.13 If x = 23, find the value of $x^8 - 24x^7 + 24x^6 - 24x^5 + 24x^4 - 24x^3 + 24x^2 - 24x + 1$.

Ans

√ 1. = 22

× 2. − 20

X 3. − 24

X 4. - 18

Question ID: 6549784741

Status: Answered

Chosen Option : ${\bf 1}$

Q.14 An article was sold at a loss of 15%. If it was sold for ₹1,035 more, then there would have been a profit of 8%. Find the cost price of the article.

Ans

X 1. ₹4,200

× 2. ₹3,500

√ 3. ₹4,500

X 4. ₹4,000

Question ID: 6549784729

Status : Answered

 $\hbox{Chosen Option}: 3$

Q.15 If $x + \frac{1}{2x} = 3$, find the value of $8x^3 + \frac{1}{x^3}$.

Ans

X 1. 164

X 2. 160

X 3. 186

4 180

Question ID: 6549784740

Status : Answered

Q.16 The simple interest on a certain sum of money at the rate of 8% p.a. for 9 years is ₹2,880. At what rate of interest can the same amount of simple interest be received on the same sum in 6years?

Ans

X 1. 10.5%

√ 2. 12%

X 3. 14%

X 4. 10%

Question ID: 6549784733 Status: Answered

Chosen Option: 2

Q.17 Palone can complete a piece of work in 12 days and Q can complete the same work in 18 days. With the help of R, all three finish the work in 6 days. In how many days can R alone complete the work?

Ans

X 1. 28 days

🗸 2. 36 days

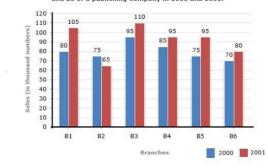
X 3. 30 days

× 4. 25 days

Question ID: 6549784735 Status: Answered Chosen Option: 2

Q.18 Study the following bar graph and answer the question that follows.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



The total sales of books for branches B1 to B5 for the year 2000 is how much more than that of the average sales of books for branches B1 to B5 for the year 2001?

X 1. 504

× 2. 410

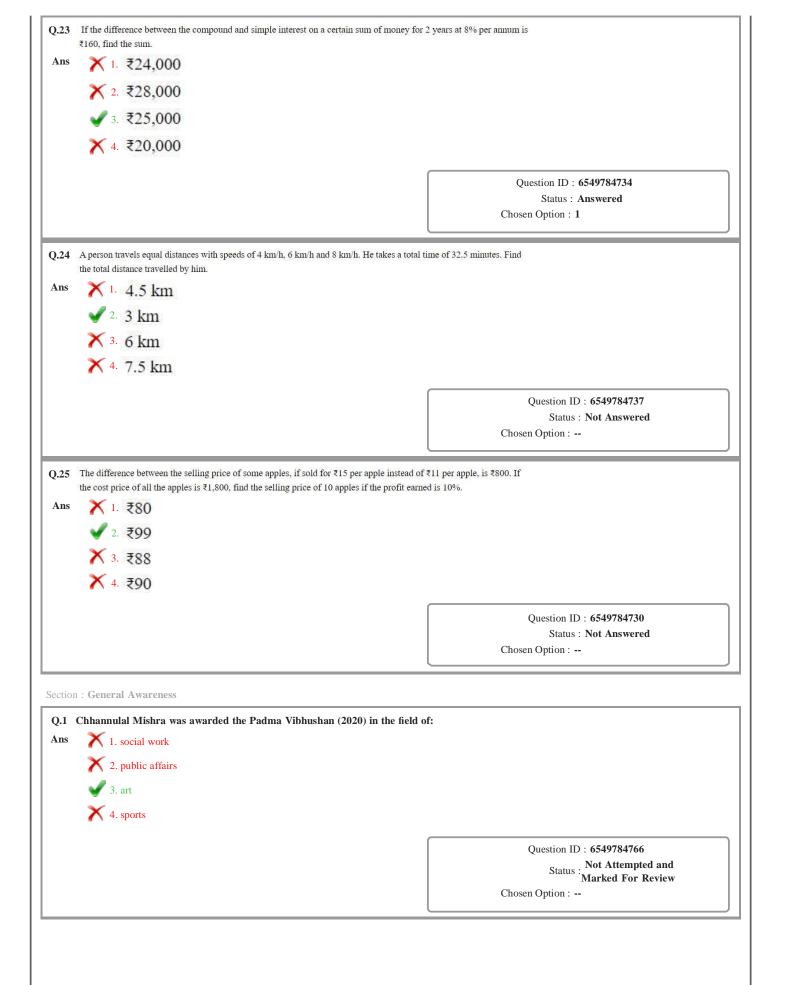
3. 316 4. 470

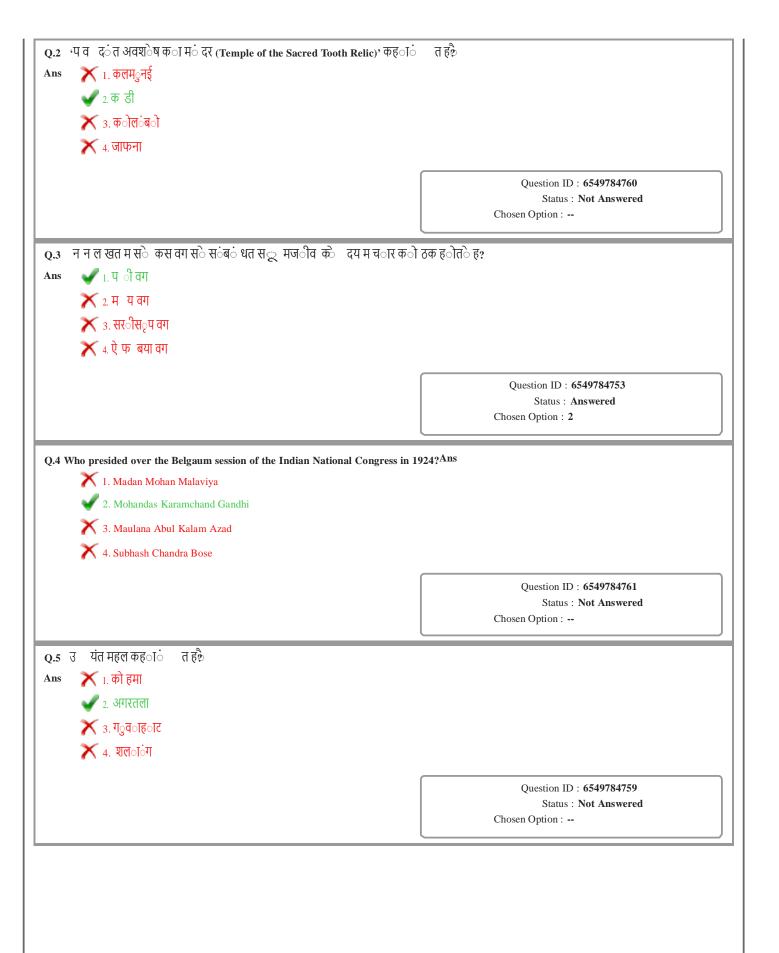
Question ID: 6549784746

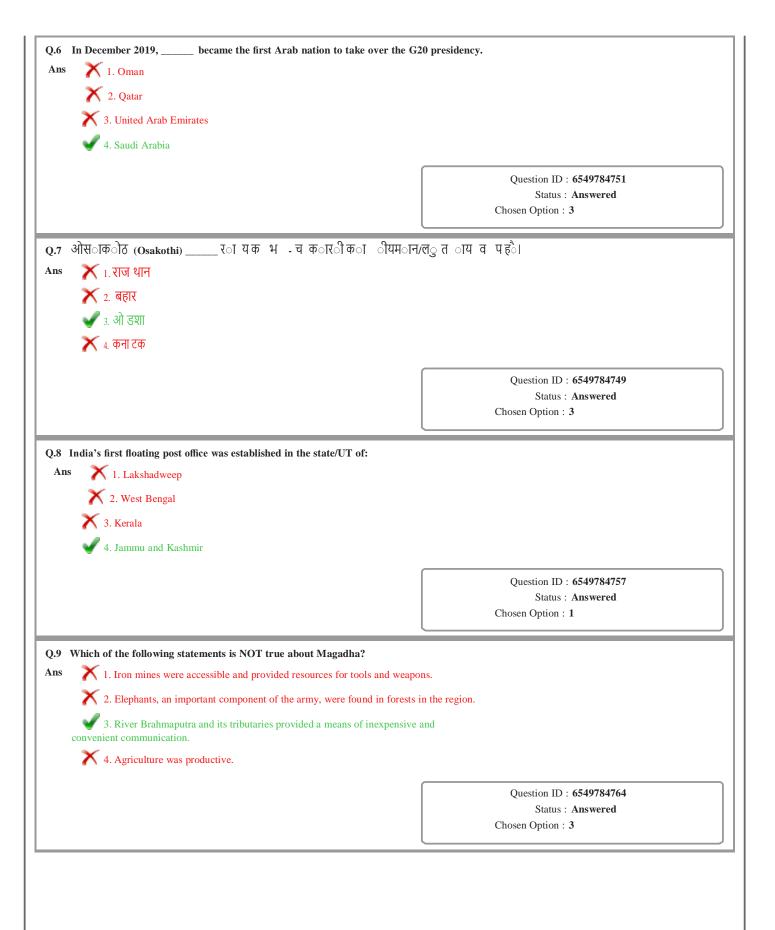
Status: Answered

Three numbers are in the ratio of $\frac{3}{4}:\frac{4}{9}:\frac{5}{12}$. The difference between the greatest and the smallest number is 120. Find the sum of all the three numbers. 1. 580 Ans X 2. 540 X 3. 520 X 4. 480 Question ID: 6549784732 Status: Answered Chosen Option: 1 Q.20 Find the number of lead balls, each with a diameter of 3 cm, that can be made from a sphere of diameter 21 cm. X 1. 216 **y** 2. 343 X 3. 196 X 4. 256 Question ID: 6549784738 Status: Answered Chosen Option: 2 Q.21 Naveena spent ₹1,800 on a dress and ₹3,270 on books and notebooks. She still was left with 35% of the total amount she had originally. Find the total amount she had originally. X 1. ₹7,500 **X** 2. ₹7,000 **√** 3. ₹7,800 X 4. ₹6,500 Question ID: 6549784727 Status: Answered Chosen Option: 3 Q.22 The average of four consecutive even numbers a, b, c and d is 33. Find the product of b and d. X 1. 1156 **2**. 1152 X 3. 1236 X 4. 1252 Question ID: 6549784725 Status: Answered Chosen Option: 2

Q.19

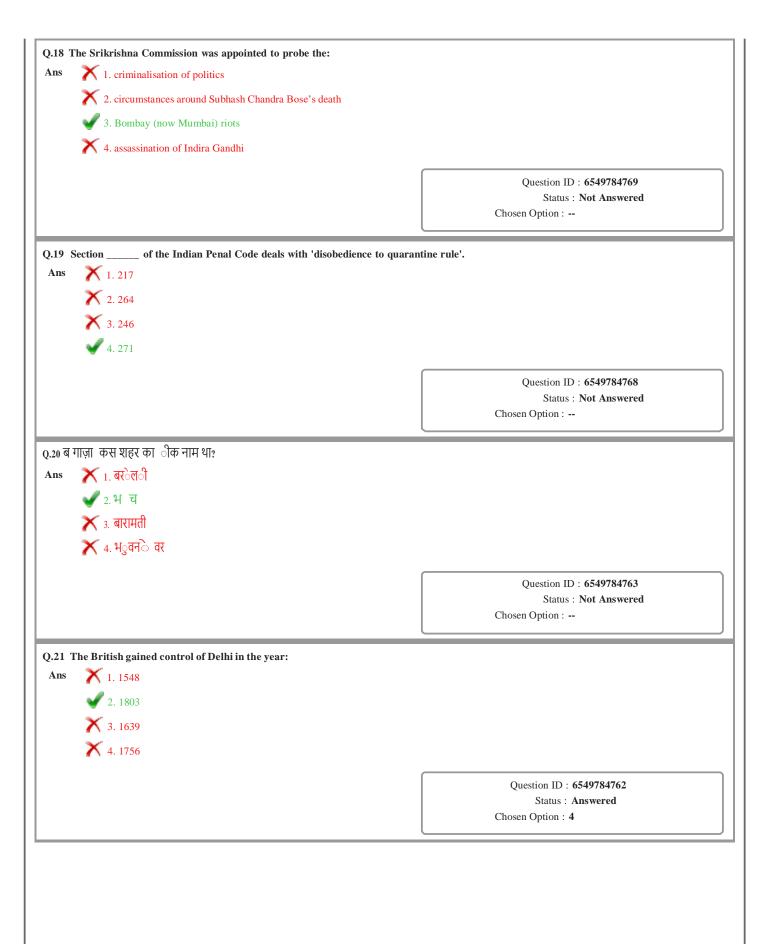






Q.10 As per the order issued by the Delimitation Commission in 2008, seats are reserved for Scheduled Castes in the Lok Sabha.				
Ans × 1. 47				
2. 84				
X 3. 56				
X 4. 69				
	Question ID : 6549784770 Status : Answered			
	Chosen Option: 2			
Q.11 न न ल खत म से कौन सी मठाई दही से न मत है जो प मी भारत	म लाक य हरू			
Ans				
🔀 २. रबड़ी				
🗸 з. ীন্ত্ৰ ঁ ड				
🔀 ४. गु झया / गु जया				
	Question ID : 6549784747			
	Status : Not Answered			
	Chosen Option :			
Q.12 'मांग णयार (Manganiyars)' और 'लंगास (Langas)') कसरा यके लोव	p			
संग ीतक ार ह ? Ans 🔀 १. ह रथाणा				
्र 2. राज ान				
🗙 ३.उ र ाख ंड				
🗙 ४. छ ीसगढ़				
	Question ID : 6549784752			
	Status : Not Answered Chosen Option :			
Q.13 Batting maestro Sachin Tendulkar was conferred the honorary rank of of the Indian Air Force on 3rd September 2010.				
Ans X 1. Major General				
2. Group Captain				
3. Lieutenant Colonel				
4. Brigadier				
	Question ID: 6549784767			
	Question ID: 6549784767 Status: Answered Chosen Option: 2			
	Status : Answered			

Q.14 In October 2019, Hydreshad was designated as a member of UNESCO Creative CitiesNetwork (UCCN) in the field of: Ans						
Ans						
2. film 3. crafts and folk art 4. gastronomy Question ID: 6549784748 Status: Not Answered Chosen Option: Q.15 Table tennis made its Olympic debut in the year: Ans 1. 1964 2. 1996 3. 1. 1972 4. 1988 Question ID: 6549784771 Status: Not Answered Chosen Option: Q.16						
Question ID: 6549784758 Status: Not Answered Chosen Option: Q.15 Table tennis made its Olympic debut in the year: Ans						
Question ID : 6549784748 Status : Not Answered Chosen Option : Q.15 Table tennis made its Olympic debut in the year: Ans						
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Q.15 Table tennis made its Olympic debut in the year: Ans						
Q.15 Table tennis made its Olympic debut in the year: Ans						
Ans						
Z. 1996 X. 3. 1972 4. 1988 Question ID: 6549784771 Status: Not Answered Chosen Option: Q.16						
A. 1988 Question ID: 6549784771 Status: Not Answered Chosen Option: Q.16 is another name for the river Dakshin Ganga. Ans	Ans					
Question ID : 6549784771 Status : Not Answered Chosen Option : Q.16 is another name for the river Dakshin Ganga. Ans						
Question ID : 6549784771 Status : Not Answered Chosen Option : Q.16 is another name for the river Dakshin Ganga. Ans		X 3. 1972				
Q.16 is another name for the river Dakshin Ganga. Ans		√ 4. 1988				
Q.16 is another name for the river Dakshin Ganga. Ans			Ouestion ID · 6549784771			
Q.16 is another name for the river Dakshin Ganga. Ans						
Ans			Chosen Option :			
Ans	0.16	is another name for the river Dakshin Ganga				
2. Indus 3. Narmada 4. Godavari Question ID: 6549784758 Status: Answered Chosen Option: 4 Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered						
3. Narmada 4. Godavari Question ID: 6549784758 Status: Answered Chosen Option: 4 Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered						
Question ID: 6549784758 Status: Answered Chosen Option: 4 Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered						
Question ID: 6549784758 Status: Answered Chosen Option: 4 Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered						
Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered		4. Godavan				
Q.17 Which of the following contains oxalic acid? Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered			1			
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Ans 1. Spinach 2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered			·			
2. Grapes 3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered	Q.17 V	Which of the following contains oxalic acid?				
3. Vinegar 4. Curd Question ID: 6549784755 Status: Answered	Ans					
4. Curd Question ID : 6549784755 Status : Answered						
Question ID : 6549784755 Status : Answered		X 3. Vinegar				
Status: Answered		× 4. Curd				
Status: Answered			Ouestion ID : 6549784755			
Chosen Option: 1						
			Chosen Option: 1			



Q.22	The fear of food/eating is called:	
Ans	1. cibophobia	
	× 2. panophobia	
	X 3. apiphobia	
	4. tokophobia	
		Question ID : 6549784756 Status : Answered
		Chosen Option : 4
Q.23	Anna Karenina' is a novel by	
Ans	X 1. Jonathan Swift	
	× 2. Charles Dickens	
	3. Robert Louis Stevenson	
	✓ 4. Leo Tolstoy	
	1. Dec Tollidy	
		Question ID : 6549784765
		Status : Not Answered Chosen Option :
		Chosch Option : "
Q.24	Seed-producing plants belong to kingdom	
Ans	X 1. Bryophyta	
	2. Spermatophyta	
	X 3. Algae X 3. Algae	
	X 4. Pteridophyta	
	4. Генцорнуш	
		Question ID: 6549784754
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.25	ਮ ੈल 2020 म, कु ते और ब ल ी के मांस क ब और उपभ ो ग	क ो तब ं धत करन े व ाल ा च ीन क ा
	महला शहर बन गया।	
Ans	🗙 1. शंघाई (Shanghai)	
	🗶 २. गुआंगझोऊ (Guangzhou)	
	🗸 3. श्रे झेन (Shenzhen)	
	🗙 ४. बी जग (Beijing)	
		Question ID : 6549784750
		Status : Answered Chosen Option : 3