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Exam Date	04/08/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Phase X Graduate Level

Section: General Intelligence

Q.1Which letter-cluster will replace the question mark (?) and complete the given series?

VEIL, XGKJ, ?, BKOF, DMQD

Ans X 1. ZINH

✓ 2. ZIMH

X 3. ZJMH

X 4. ZING

Question ID: 2643307820 Status: 0 Answered

Chosen Option: 2

Q.2Select the option that represents the letters which when sequentially placed from left to right in the blanks below will complete the letter series.

G _ D _ A _ F D _ A I F _ A _ F D S _

Ans X 1. FSGSDSGA 2.

✓ FSHSDSJA3.F

X THSDSHA4.FT

XGSDSGA

Ouestion ID: 2643306754 Status: 2 Answered

Chosen Option: 2

Q.3In a certain code language, 'CIRCLE' is written as 'VMGIPG' and 'ANGLES' is written as 'KREWIP'. How will 'SHAPES' be written in that language?

Ans X 1. ELVVIT

X 2. ELWWJT

✓ 3. ELWWIT

X 4. ELUWIT

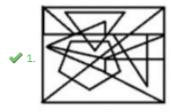
Question ID: 26433078168

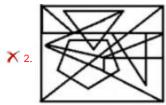
Status: Not Answered

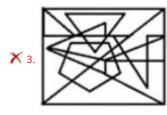
Q.4 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

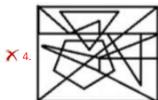


Ans









Question ID: 2643307850 Status: 4 Answered

Chosen Option: 1

 $\mbox{Q.5Select}$ the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Median
- 2. Mediation
- 3. Mediate
- 4. Medicine 5. Medical
- 5. Medical6. Mechanics

Ans

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

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

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

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

Question ID: 2643307814 Status: 9 Answered

Q.6 In a cert 'I ain code language, 'LIFT' is written as 'MKGU' and 'HEIGHT' is written asGKHIU'. How will 'WEIGHT' be written in that language?

Ans ✓ 1. XGKHIU

X 2. XKIUHG

X 3. IKXGHU

X 4. UIHKGX

Question ID: 26433077995 Status: Not Answered

Chosen Option: --

Q.7Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with

commonly known facts. Decide which of the given conclusions logically follow/s from

the given statements.

Statements:

Some engineers are teachers.

Some teachers are doctors.

All doctors are intelligent.

Conclusions:

(I) Some engineers are doctors.

(II) Some intelligent are engineers.

(III) Some teachers are intelligent.

√1. Only conclusion III follows.

X 2. Conclusions I, II and III

X 3. Only conclusion II follows

X 4. Only conclusion I follows.

Question ID: 2643307815 Status: 2 Answered

Chosen Option: 1

Q.8'A # B' means 'A is the brother of B'. 'A @ B' means 'A is the daughter of B'.

'A & B' means 'A is the husband of B'.
'A % B' means 'A is the wife of B'.

If S % D # F @ G & H @ J,

then how is F related to H?

Ans

✓ 1. Daughter

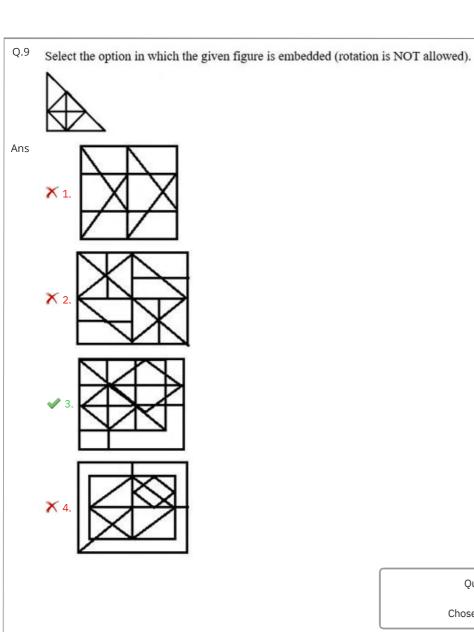
X 2. Son's wife

X 3. Mother

X 4. Daughter's daughter

Question ID: 2643307824

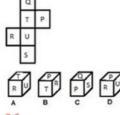
Status: 5 Answered



Question ID: 2643306897 Status: 8 Answered

Chosen Option: 3

Q.10 If the following sheet is folded to form a cube, which of the given figures are possible?



Ans X 1. Only C and B

X 2. Only A and D

X 3. Only C and D

4. Only A and C

Question ID: 2643307845 Status: 5 Answered

Q.11Sect the is le option that is related to the third word in the same way as the second word related to the first word. Naïve : Ingenuous :: Intelligible : ? Ans X 1. Natural X 2. Unworthy X 3. Difficult 4. Understandable

Question ID: 2643307780 Status: 9 Answered Chosen Option: 4

Q.12Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Carpenter: Furniture

X 1. Doctor : Hospital X 2. Teacher : Pencil ✓ 3. Chef: Food

X 4. Sailor: Ship

Question ID: 2643306597 Status: 6 Answered

Chosen Option: 2

Q.13In a certain code language, 'GUITAR' is written as 'UGSHAJ' and 'PIANO' is written as 'LSANM'. How will 'DRUMS' be written in that language?

X 1. IOGJX

X 2. XIOGJ

X 3. XGOIJ

√ 4. XJGOI

Question ID: 26433070331 Status: Not Answered

Chosen Option: --

Q.14Select the option that represents the correct order of the given words as they would appear in an English dictionary. (Note: the given words may or may not be meaningful words).

1.Generation

2.Govern

3.Gender

4.Geothermal

5.Generous

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

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

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

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

Question ID: 2643307807 Status: 5 Answered

Q.15Select the set in

th which the numbers are related in the same way as are the numbers ofe following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as

adding /deleting /multiplying etc. to 1

3 3 can be performed. Breaking down 13 into 1 and and then performing mathematical operations on 1 and 3 is NOT allowed) (13, 104, 16), (9, 63, 14)

1. (8, 60, 15)

X 2. (23, 204, 26)

X 3. (10, 92, 17)

X 4. (12, 85, 15)

Question ID: 2643307866 Status: 1 Answered

Chosen Option: 1

Q.16 Select the figure that will come next in the following figure series.











Ans









Question ID: 2643307847 Status: 1 Answered

Chosen Option: 1

Q.17In a certain code language, 'HEIGHT' is written as '51' and 'FULL' is written as '47'. How will 'DISH' be written in that language?

X 1. 33

X 2. 34

X 3. 35

4. 36

Question ID: 2643307803

Status: 4 Answered

Q.19Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the

word.)

Marker: Whiteboard

Ans X 1. Type: Letters
X 2. Table: Chair
X 3. Door: Latches

√ 4. Pen : Paper

Question ID: 2643307741 Status: 6 Answered

Chosen Option: 4

Chosen Option: --

Q.20Which of the following numbers will replace the question mark (?) in the given series? 8, 15, 25, 38, ?, 73

Ans X 1. 70

2. 54

X 3. 45

X 4.61

Question ID: 2643307871 Status: 6 Answered

Chosen Option: 2

Q.21'ENT 2' is related to 'FPW 4' in a certain way. In the same way, 'OPD 5' is related to 'PRG 10'. Which of the following is related to 'FAH 6'using the same logic?

Ans X 1. ECE 3

✓ 2. EYE 3

X 3. EYE 12

X 4. DYE 3

Question ID: 2643307794 Status: 0 Answered

Q.22Krish defeated the only brother of the daughter of his paternal grandmother while p laying a board game, how is the defeated person related to Krish's mother? Ans 2. Husband X 3. Brother X 4. Father Question ID: 2643306917 Status: 7 Answered Chosen Option: 4 Q.23In a certain code language, 'nature is beautiful' is written as '11 33 44', 'sunlight is bright' is written as '33 66 77' and 'sunlight represents nature' is written as '66 11 99'. What is the code for the word 'bright' in that language? Ans X 1. 99 X 2. 33 **3**. 77 X 4.66 Question ID: 2643307780 Status: 7 Answered Chosen Option: 3 ${\tt Q.24Three\ statements\ are\ given,\ followed\ by\ three\ conclusions\ numbered\ I,\ II\ and\ III.}$ 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. Statement: All shoes are slippers. All slippers are socks. All socks are sandals Conclusions: (I) Some sandals are slippers (II) Some socks are shoes. (III) All sandals are shoes. ✓ 1. Both Conclusion I and II follow. X 2. Both Conclusion I and III X follow. 3. Both Conclusion II and X III follow. 4. Only Conclusion I follows. Question ID: 2643306895 Status: 5 Answered Chosen Option: 1 Q.25Which two numbers (not the digits of the numbers) and two signs should be interchanged to make the given equation correct? $10 \div 2 \times 6 - 15 + 5 = 25$ X 1. 2 and 6; + and × X 2. 2 and 15; ÷ and × X 3. 10 and 5; + and -√ 4. 5 and 2; + and – Question ID: 2643306761 Status: 1 Answered Chosen Option: 4

Section: English Language

Q.1S elect the option that expresses the given sentence in passive voice. Stevie loved a good mystery novel. X 1. A good mystery novel is loved by Stevie. X 2. A good mystery novel was being loved by Stevie. ✓ 3. A good mystery novel was loved by Stevie. X 4. A good mystery novel had been loved by Stevie. Question ID: 2643305907 Status: 1 Answered Chosen Option: 3 Q.2Select the option that expresses the given sentence in indirect speech. He said, "I have got the prize". ✓ 1. He said that he had got the prize. X 2. He said that I had got the prize. X 3. He said that he has got the prize. X 4. He said, he have got the prize. Question ID: 2643307545 Status: 4 Answered Chosen Option: 1 Q.3Select the sentences that contains no spelling errors. √ 1. Meenakshi, a former councillor, is aspiring for a ticket to contest the elections. X 2. Meenakshi, a former counciler, is aspiring for a ticket to contest the elections. X 3. Meenakshi, a former councelor, is aspiring for a ticket to contest the elections. X 4. Meenakshi, a former councilior, is aspiring for a ticket to contest the elections. Question ID: 2643306086 Status: 4 Answered Chosen Option: 3 Q.4In the given sentence, a word is given in brackets. Select the most appropriate ANTONYM of the word to fill in the blank. Having a bath in the Ganges is considered as a/an _____ (unholy) thing in Indian culture. Ans X 1. unerring X 2. pure √ 3. sacred X 4. pleasant Question ID: 2643305847 Status: 3 Answered Chosen Option: 3 Q.5Select the INCORRECTLY spelt word. Ans 1. Postumous X 2. Garrison X 3. Pedestrian X 4. Threshold Question ID: 2643306019 Status: 5 Answered Chosen Option: 1

Q.6S elect the option that expresses the given sentence in direct speech.

Shyam said that he would go into surgery the following day.

Ans 1. Shyam said, "He will go into surgery tomorrow."

2. Shyam said, "I will go into surgery the day after tomorrow." 3. Shyam said, "He would go into surgery tomorrow."

Question ID : 2643305905 Status : 7 Answered

Chosen Option: 4

Q.7Select the option that expresses the given sentence in passive voice.

4. Shyam said, "I will go into surgery tomorrow."

Jeremy took Andrew to the hospital.

Ans 1. Andrew was taken to the hospital by Jeremy.

X 2. The hospital is taken to Andrew by Jeremy.

X 3. Andrew is taken to the hospital by Jeremy.

X 4. Andrew took Jeremy to the hospital.

Question ID: 2643305906 Status: 8 Answered

Chosen Option: 1

Q.8Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. Sarah writes a book that became a bestseller.

Ans X 1. will write a book

X 2. No improvement required

X 3. had write a book

4. wrote a book

Question ID: 2643306075 Status: 9 Answered

Chosen Option: 4

Q.9Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence.

Dheerubai, a source of inspiration to the present generation, <u>started life very poor and</u> then <u>later in life became very rich.</u>

Ans X 1. Felt the pinch

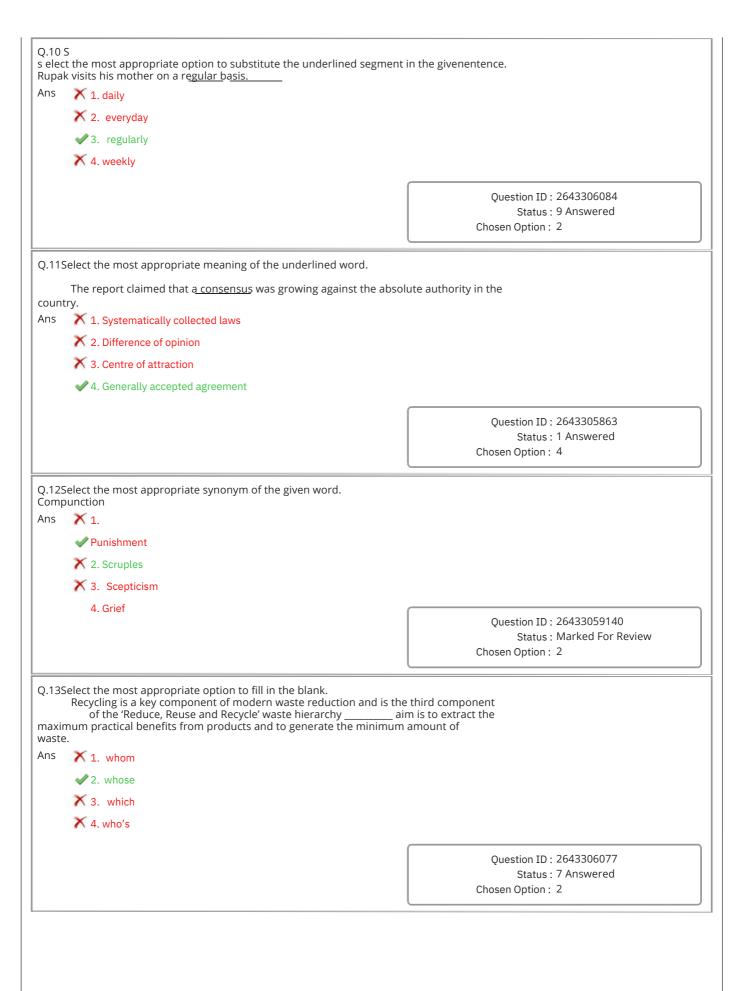
X 2. Got it off his chest

X 3. Dragged his feet

4. Went from rags to riches

Question ID: 2643305845

Status: 5 Answered



Q.14T c hefollowing sentence has been split into four segments. Identify the segment thatontains a grammatical error. After the thieves / had left, / George crept slow / out of his room. Ans X 1. had left X 2. After the thieves X 3. out of his room 4. George crept slow Question ID: 2643306146 Status: 6 Answered Chosen Option: 4 Q.15Select the most appropriate option to fill in the blank. its roots back to 1624, when it was founded as a trading post by New York colonists of the Dutch Republic. √ 1. traces X 2. dates X 3. sketches X 4. recalls Question ID: 2643306077 Status: 0 Answered Chosen Option: 4 Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. In the village of Wall, men wore brown and grey, and even the reddest neckerchief worn by the ruddiest of farmers was soon (1) ______ by the sun and the rain makes a more (2) _____ colour. Due to this, it would (3) _____ easily. While clothes do not make the _ easily. While clothes do not make the man and fine feathers do not make (4) _____. However, Thorn was not the same man that he had been. There was a swagger (5)_ __ his steps. SubQuestion No: 16 Q.16Select the most appropriate option to fill in blank number 1. X 1. lighted X 2. ✓ smothered X 3. lightened 4. covered Ouestion ID: 2643305883 Status: 6 Answered Chosen Option: 3

	Comprehension: In the following passage, some words have been deleted. Read the passage select the most appropriate option to fill in each blank.	age carefully and				
	In the village of Wall, men wore brown and grey, and even the reddest ne the ruddiest of farmers was soon (1) by the sun and the rain m colour. Due to this, it would (3) easily. While clothes man and fine feathers do not make (4) However, Thorn was not the had been. There was a swagger (5) his steps.	akes a more (2)				
SubC	Question No : 17					
	Select the most appropriate option to fill in blank number 2.					
Ans	√ 1. soft					
	X 2.					
	× boorish					
	X 3. vibrant					
	4. loutish					
		Question ID : 2643305883				
		Status : 7 Answered Chosen Option : 3				
		Chosen Option . 3				
	Comprehension:					
	In the following passage, some words have been deleted. Read the passage.	age carefully and				
	select the most appropriate option to fill in each blank.					
	In the village of Wall, men wore brown and grey, and even the reddest ne the ruddiest of farmers was soon (1) by the sun and the rain m colour. Due to this, it would (3) easily. While clothes man and fine feathers do not make (4) However, Thorn was not the sun and the reddest new the ruddiest new the r	akes a more (2) do not make the				
	he had been. There was a swagger (5) his steps.					
SubC	Question No : 18					
Q.18	Select the most appropriate option to fill in blank number 3.					
Ans	X 1. crumple and crease					
	X 2. cut and crack					
	X 3. loosen and hang					
	✓ 4. rip and tear					
		Question ID: 2643305883				
		Status : 8 Answered				
		Chosen Option: 4				
	Comprehension:					
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank.	ige carefully and				
	In the village of Wall, men wore brown and grey, and even the reddest neckerchief worn by the ruddiest of farmers was soon (1) by the sun and the rain makes a more (2) colour. Due to this, it would (3) easily. While clothes do not make the man and fine feathers do not make (4) However, Thorn was not the same man that he had been. There was a swagger (5) his steps.					
Suho	Duestion No · 19					
	Question No : 19 Select the most appropriate option to fill in blank number 4.					
	Question No : 19 Select the most appropriate option to fill in blank number 4. X 1. finest					
Q.19	Select the most appropriate option to fill in blank number 4.					
Q.19	Select the most appropriate option to fill in blank number 4. X 1. finest X birds 2. falter					
Q.19	Select the most appropriate option to fill in blank number 4. X 1. finest X birds 2. falter X birds 3. finer					
Q.19	Select the most appropriate option to fill in blank number 4. X 1. finest X birds 2. falter					

Question ID: 2643305883 Status: 9 Answered

	omprehension: In the following passage, some words have been deleted. Read the passage.	age carefully and			
	select the most appropriate option to fill in each blank.				
	In the village of Wall, men wore brown and grey, and even the reddest neckerchief worn by				
	the ruddiest of farmers was soon (1) by the sun and the rain m	akes a more (2)			
	colour. Due to this, it would (3) easily. While clothes man and fine feathers do not make (4) However, Thorn was not	the same man that			
	he had been. There was a swagger (5) his steps. uestion No : 20				
	Select the most appropriate option to fill in blank number 5.				
Ans	X 1.				
	× into				
	X 2. to				
	√ 3. of				
	4. in				
		Question ID : 2643305884			
		Status: 0 Answered			
		Chosen Option: 4			
	Comprehension:				
	Read the given passage and answer the questions that follow.				
	The search for life on Mars has become more urgent thanks in part to pro rovers now roaming Mars' surface and another spaceship that is orbiting				
	months, they've made a series of astonishing discoveries that, once again believe that Mars harbours life—or did so in the past. At a February confe				
	Netherlands, an audience of Mars experts was surveyed about Martian lif	e. Some 75 per cent			
	of the scientists said they thought life once existed there, and of them, 25 per cent think that Mars harbours life today.				
SubO	uestion No : 21				
	Select the most appropriate ANTONYM of the given word.				
Aston	ishing				
Ans	✓1. Ordinary				
	X 2. Real X 3. Superb				
	X 4. Vague				
		Question ID : 2643307191			
		Status : 5 Answered			
		Chosen Option: 1			
	Comprehension:				
l .	Read the given passage and answer the questions that follow.				
	The search for life on Mars has become more urgent thanks in part to pro	hes by the two			
	rovers now roaming Mars' surface and another spaceship that is orbiting	the planet. In recent			
	months, they've made a series of astonishing discoveries that, once again believe that Mars harbours life—or did so in the past. At a February confe				
	Netherlands, an audience of Mars experts was surveyed about Martian lif	e. Some 75 per cent			
	of the scientists said they thought life once existed there, and of them, 2! Mars harbours life today.	o per cent think that			
SubO	uestion No : 22				
	dentify the inference drawn from the passage.				
Ans	√1. A minimal percentage of Mars expert believe there is life on Mar	s today.			
	X 2. There have been few discoveries, about life on Mars				
	X 3. There used to be life on Mars.				
	X 4. There is life on Mars today.				
	•				

omprehension:

Read the given passage and answer the questions that follow.

The search for life on Mars has become more urgent thanks in part to probes by the two ro vers now roaming Mars' surface and another spaceship that is orbiting the planet. In recent months, they've made a series of astonishing discoveries that, once again, tempt scientists to believe that Mars harbours life—or did so in the past. At a February conference in the Netherlands, an audience of Mars experts was surveyed about Martian life. Some 75 per cent of the scientists said they thought life once existed there, and of them, 25 per cent think that Mars harbours life today.

SubQuestion No: 23

Q.23Select an appropriate title for the passage.

Ans

X 1. Research on Mars

2. The Probability of Life on Mars

X 3. Martians

X 4. Mars

Question ID: 2643307191 Status: 1 Answered

Chosen Option: 2

Comprehension:

Read the given passage and answer the questions that follow.

The search for life on Mars has become more urgent thanks in part to probes by the two rovers now roaming Mars' surface and another spaceship that is orbiting the planet. In recent months, they've made a series of astonishing discoveries that, once again, tempt scientists to believe that Mars harbours life—or did so in the past. At a February conference in the Netherlands, an audience of Mars experts was surveyed about Martian life. Some 75 per cent of the scientists said they thought life once existed there, and of them, 25 per cent think that Mars harbours life today.

SubQuestion No: 24

Q.24Which of the following facts is mentioned in the given passage?

Ans

X 1. Life once existed on Mars

X 2. Life exists now on Mars

✓ 3. There are two rovers probing Mars surface.

X 4. No discoveries were made regarding Mars

Question ID: 2643307191 Status: 2 Answered

Chosen Option: 3

Comprehension:

Read the given passage and answer the questions that follow.

The search for life on Mars has become more urgent thanks in part to probes by the two rovers now roaming Mars' surface and another spaceship that is orbiting the planet. In recent months, they've made a series of astonishing discoveries that, once again, tempt scientists to believe that Mars harbours life—or did so in the past. At a February conference in the Netherlands, an audience of Mars experts was surveyed about Martian life. Some 75 per cent of the scientists said they thought life once existed there, and of them, 25 per cent think that Mars harbours life today.

SubQuestion No: 25

Q.25Identify the tone of the passage.

Ans

X 1. Biased

2. Speculative

X 3. Technical

X 4. Acerbic

Question ID : 2643307191 Status : 4 Answered

Q.1Find the volume of a rectangular box whose dimensions are 2 m, 3 m and 4 m.

- √1. 24 m3
- X 2.12 m3
- × 3.18 m3
- X 4. 9 m3

Question ID: 2643305841 Status: 6 Answered

Chosen Option: 1

Q.2In an office, 80% workers are men while 20% are women. The average age of the men is 30 and the average age of the women is 40. What is the average age of all the workers in that office?

- Ans X 1. 50
 - **2**. 32
 - X 3. 30
 - X 4.35

Question ID: 2643306164 Status: 1 Answered

Chosen Option: 2

Q.3What is the value of 'm', so that the number 56m02 is divisible by 3?

- Ans X 1. 1
 - X 2. 0
 - **X** 3. 3
 - **4**. 2

Question ID: 2643306163 Status: 2 Answered

Chosen Option: 4

If $\cos \theta = \frac{5}{13}$, what is the value of $\cot \theta$?

Ans

- × 3. $\frac{12}{13}$
- \times 4. $\frac{5}{13}$

Question ID: 2643306170

Status: 9 Answered

Q.5 lf the mean proportional between 5 and 125 is x and the mean proportional between 44 and 62 is y, find the value of 2x : y.

Ans

1. 25 : 48

X 2.25:128

X 3.25:64

X 4. 25:96

Question ID: 2643306166

Status: 8 Answered Chosen Option: 1

Q.6 The area of the sector of a circle with radius 4 cm and of angle 30° is (take $\pi = 3.14$):

Ans 1. 4.19 sq.cm

X 2. 4.49 sq.cm

X 3. 4.39 sq.cm

X 4. 4.29 sq.cm

Question ID: 2643305688

Status: 3 Answered

Chosen Option: 1

Q.7The income of an employee is 30% more than his expenditure. If his income decreases by 10% and his expenditure increases by 3%, then by what per cent does his savings decrease or increase?

Ans

 \times 1. $48\frac{1}{3}\%$ increase

 \times 2. $52\frac{1}{4}\%$ decrease

 \checkmark 3. $53\frac{1}{3}\%$ decrease

 \times 4. $50\frac{1}{4}\%$ increase

Question ID: 2643306113

Status: 9 Answered

Chosen Option: 3

If
$$x - \frac{1}{x} = \frac{15}{4}$$
, find the value of $x + \frac{1}{x}$.

Ans

 \times 1. $\frac{21}{4}$

 \times 2. $\frac{15}{4}$

√ 3.
¹⁷/₄

 \times 4. $\frac{13}{4}$

Question ID: 2643305717

Status: 3 Answered

Q.9The ratio

is of income to expenditure of a person is 5:2. What percentage of his income he saving?

1. 60%

X 2. 52%

X 3. 40%

X 4. 55%

Question ID: 2643306165 Status: 4 Answered

Chosen Option: 1

Q.10The population of a town increases by 20% annually. If its present population is 15000, what will be the population in 2 years?

1. 21600

X 2. 21400

X 3. 21300

X 4. 21500

Question ID: 2643305868 Status: 5 Answered

Chosen Option: 1

Q.11If a reduction of 10% in the price of rice enables a person to obtain 22kg more for Rs.250, then the original price of rice per kg is _

Ans X 1. Rs.1.20

X 2. Rs.1.22

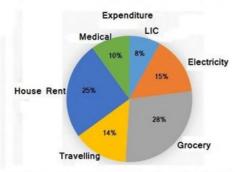
X 3. Rs.1.24

Question ID: 2643306120 Status: 1 Answered

Chosen Option: 4

Q.12 Study the given pie-chart and answer the question that follows.

The pie-chart shows the expenditure of a family in percentage. The total monthly income is ₹60,000.



After the expenditure on only LIC and travelling, find the total income that remains?

Ans

× 1. ₹46,500

×2. ₹46,700

×^{3.} ₹46,600

₹46,800

Question ID: 2643306343

Status: 1 Answered

Q.13 The following table shows the number of students in different streams in 5 departments. Study the table carefully and answer the question based on the table.

Stream	Department				
	A	В	С	D	E
Physics	400	500	350	300	600
Chemistry	750	600	700	500	450
Mathematics	350	400	450	500	750
Computer Science	250	300	380	550	600

Which department has the minimum number of students in all streams?

Ans X 1. D

X 2. C

√3. A

X 4. B

Q.14Given that Δ MAN and Δ CPT are congruent to each other such that \angle M = 75, \angle N = 65, \angle A = 40, $\angle C = x/2$, $\angle P = £6y + 16$. Find the value of (x - 5y).

1. 130

X 2. 125

X 3. 135

X 4. 120

Question ID: 2643306170 Status: 6 Answered

Chosen Option: 1

Q.15A bus during its journey travels 60 min at a speed of 80 km/h, another 90 min at a speed of 100 km/h and 4 hours at a certain speed. If the average speed of the bus during its whole journey is 70 km/h, what is the speed of the bus during the 4 hours?

X 1. 70.00 km/h

X 2. 62.35 km/h

X 3. 67.75 km/h

√ 4. 56.25 km/h

Question ID: 2643306168 Status: 7 Answered

Chosen Option: 4

Q.1 What must be subtracted from $x^3 - 3x^2y + 3xy^2 - y^3$ to get $x^3 - y^3$?

6 $\sqrt{1} -3x^2y + 3xy^2$

Ans \times 2. $3x^2y - 3xy^2$

 \times^{3} . $x^3 - y^3$

 x^{4} $-x^3 + y^3$

Ouestion ID: 2643305818 Status: 3 Answered

Q.17Mohan sells fruits at their c

is ost price but uses a weight of 850 gm in place of 1 kg. What his profit percentage?

Ans

$$\times$$
 2. $19\frac{11}{17}\%$

$$\times$$
 3. $15\frac{11}{17}\%$

Question ID: 2643306166 Status: 1 Answered

Chosen Option: 4

Q.18A can complete a task in 18 days and B can complete the same task in 32 days. They start working together but B works only for 8 days. There after, the work is completed by A. If they received Rs.8,800 after completion of the work, then what is A's share (in

Rs.)?

Ans X 1. 7200

X 2. 6400

X 3. 5500

4. 6600

Question ID: 2643306324

Status: 6 Answered

Chosen Option: 4

Q.19A shopkeeper offers the following two discount schemes on the sale of a watch having marked price ₹3,600.

(1)Two successive discounts of 15%.

(2)A discount of 10% followed by a discount of 20%.

What is the difference between the selling price of the watch in case (1) and case (2)?

Δns

X 1. ₹8

√ 2. ₹9

X 3. ₹10

X 4. ₹11

Question ID: 2643306166 Status: 5 Answered

Chosen Option: 2

Q.20In a Hindi test of 100 marks, 11 students got 78 marks, 7 students got 80 marks, 5 students got 82 marks and 2 students got 86 marks. What was the average marks in Hindi?

Ans

X 1. 84

X 2. 86

X 3. 82

4.80

Question ID: 2643306163 Status: 9 Answered

Q.21 If the number 756534P57Q is divisible by 72, then find the value of 2P + Q.

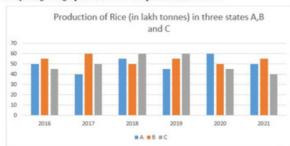
Ans X 1. 16

X 2. 15

✓ 3. 18✗ 4. 17

Question ID: 2643306163 Status: 3 Answered Chosen Option: 3

Q.22 Study the given graph and answer the question that follows.



The total rice production of state A in 2016 and 2017 is what percentage of the total rice production of state C in 2018 and 2019?

Ans X 1.5%

X 2. 120%

X 3. 20%

4. 75%

Question ID : 2643306510 Status : 3 Answered

Chosen Option : 4

Q.23If a - b = 10 and ab = 4, then the value of a3- b3 + 4(a+b)2 is:

Ans X 1. 1500

2. 1584

X 3. 1280

X 4. 1623

Question ID : 2643305844 Status : 9 Answered

Chosen Option: 2

The value of the expression $\frac{4sin^230^\circ + cos^260^\circ - tan^245^\circ}{2sin60^\circ cos30^\circ - tan45^\circ}$ is:

An

√1. 1/2

× 2. 1

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

 \times 4. $\frac{1}{\sqrt{2}}$

Question ID: 2643305843

Status: 6 Answered

 $\mathsf{Q.25\,T}$ hird proportional of 9 and 24 is: Ans **X** 2. 72 X 3. 48 **X** 4. 36 Question ID: 2643306333 Status: 0 Answered Chosen Option: 1 Section: General Awareness Q.1Which Rashtrakuta king adopted title of Jagat Tunga (prominent in the world)? X 1. Krishnaraja I 2. Govinda III X 3. Dhruva X 4. Indra II Question ID: 26433077061 Status: Not Answered Chosen Option: --Q.2The Central Universities (Amendment) Bill, 2021 seeks to establish a Central University in which of the following states/ Union territories? Ans X 1. Gujarat Andaman and Nicobar 3. Ladakh X 4. Kashmir Question ID: 2643307734 Status: 5 Answered Chosen Option: 4 Q.3According to the Indian Councils Act 1861, for purposes of the legislation, the Governor-General's Council was reinforced by Additional members, not less than six and not more than twelve in number to be nominated by the Governor-General and holding office for: Ans X 1. three years 2. two years X 3. six years X 4. five years Question ID: 2643307700 Status: 5 Answered Chosen Option: 3 Q.4According to the 2011 census, which of the following forms the largest religious minority in India? 1. Muslims X 2. Jains **X** 3. **X** Christians 4. Sikhs Question ID: 2643305496 Status: 2 Answered Chosen Option: 2

Q.5T

o o which part of the Constitution of India was the Right to Property added after it wasmitted from the chapter of the Fundamental Rights?

Ans

1. Part XII

2. Part XI3. Part XIII

X 4. Part XX

Question ID: 26433077094 Status: Marked For Review

Chosen Option: 2

Q.6Where is Salim Ali National Park located in India?

Ans X 1. Kanha

X 2. Corbett

X 3. Bhadra

4. Srinagar

Question ID: 26433076973 Status: Marked For Review

Chosen Option: 4

Q.7The proportion of workers in the agriculture sector in India has seen a decline in decades 2001 to 2011, which is a major cause of unemployment. Select the correct option with reference to the agriculture sector decline.

Ans X 1. 49.7% to 44.7%

X 2. 68.2% to 54.6%

X 3. 48.2% to 44.6%

√ 4. 58.2% to 54.6%

Question ID: 26433067169 Status: Not Answered

Chosen Option: --

Q.8In 1915, who wrote and published the ground-breaking book: The Origin of Continents and Oceans', which discusses the motion of Earth's continents?

Ans X 1. Harry Hess

2. Alfred Wegener

X 3. Edward Backus

X 4. Louis Bauer

Question ID: 26433077274 Status: Not Answered

Chosen Option: --

Q.9When was air transport nationalised in India?

Ans 💜 1. 1953

X 2. 1950

X 3. 1952

X 4. 1951

Question ID: 26433076989 Status: Not Answered

Q.10 Wh Lich is a peptide hormone secreted from the alpha cells of the pancreatic islets ofangerhans that is used along with emergency medical treatment blood sugar? X 1. Calcitonin X 2. X Erythropoietin 3. Melatonin 4. Glucagon Question ID: 2643307728 Status: 7 Answered Chosen Option: 4 Q.11Vinegar can be used as food preservative due to the presence of _ 1. acetic acid X 2. formic acid X 3. propionic acid X 4. carboxylic acid Question ID: 2643305492 Status: 9 Answered Chosen Option: 1 Q.12Which of the following Acts was NOT passed during the tenure of Viceroy Lord Lytton? Ans 1. The Vernacular Press Act X 2. The Arms Act X 3. The Royal Titles Act 4. The Indian Telegraph Act Question ID: 2643307704 Status: 7 Answered Chosen Option: 1 Q.13What was the theme chosen by the Government of India for the 75th Independence Day? Ans X 1. One Country, One People 🗶 2. Support our Troops, Salute our X Troops 3. Atmanirbhar Bharat 4. Nation First, Always First Question ID: 2643307694 Status: 1 Answered Chosen Option: 3 Q.14In 1912, who proposed the 'vitamin hypothesis', the concept that the deficiency diseases of beriberi, scurvy, pellagra and rickets are caused by the absence of specific chemical substances (in trace amounts) in the diet? X 1. Jonas Salk 2. Casimir Funk David **X** Baltimore 4. Albert Sabin Question ID: 2643307728 Status: 6 Answered Chosen Option: 2

Q.15 W p hat is the name of the global summit for Climate Change 2021 in which Indian PMledged net zero emissions target? ✓ 1. UN Climate Change Conference of the Parties X 2. Paris Agreement X 3. Davos Agenda Summit X 4. UN Framework Convention on Climate Change Question ID: 26433077337 Status: Marked For Review Chosen Option: 1 Q.16In _, Swami Dayananda Saraswati opened a branch of the Arya Samaj at Lahore. Ans X 1. 1876 X 2. 1875 **3**. 1877 X 4. 1878 Question ID: 26433077030 Status: Not Answered Chosen Option: --Q.17Who was the Governor of Punjab when Shri Charanjit Singh Channi took Oath as the Chief Minister? 🔀 1. Smt. Vidya Sinha Ans 2. Shri Banwarilal Purohit X 3. Smt.Anandi Ben X 4. Shri Bhagat Singh Koshyari Question ID: 26433077389 Status: Marked For Review Chosen Option: 3 Q.18Which country won the Gold in women's 25m pistol team event at the ISSF World Cup 2021 held at New Delhi? X 1. Kazakhstan 2. India X 3. Poland X 4. Denmark Question ID: 26433077366 Status: Not Answered Chosen Option: --Q.19Who among the following Indian Cricketers is the autobiographer of 'Believe: What Life and Cricket Taught Me'? √ 1. Suresh Raina X 2. Sachin Tendulkar X 3. Rahul Dravid X 4. Virat Kohli

> Question ID: 2643307692 Status: 6 Answered Chosen Option: 1

 $\rm Q.20~W$ hen was the three-language policy implemented in India? Ans **X** 1. 1969 X 2. 1971 **3**. 1968 **X** 4. 1970 Question ID: 26433077119 Status: Not Answered Chosen Option: --Q.21What is a Dzong in Buddhist architecture? Ans X 1. King's palace X 2. Local residences X 3. Guesthouse 4. Fortress - Monastery Question ID: 2643307082 Status: 3 Answered Chosen Option: 1 Q.22Which of the following forms of dance is performed by Kumudini Lakhia? Ans √ 1. Kathak X 2. Kathakali X 3. Manipuri X 4. Bharatanatyam Question ID: 26433071640 Status: Not Answered Chosen Option: --Q.23In order to stand for Lok Sabha election, a candidate must be at least: X 1. 21 years old 2. 25 years old X 3. 35 years old X 4. 30 years old Question ID: 2643305410 Status: 3 Answered Chosen Option: 2 Q.24The Padma Shri 2022 awardee duo of Nalini and Kamalini Asthana are known for which gharana of Kathak dance? Ans X 1. Lucknow 2. Benaras 🗙 3. Rajgarh X 4. Jaipur Question ID: 26433076901 Status: Not Answered Chosen Option: --

Q.25Unique school visit campa

th ign 'Meet the Champions' was jointly organised by which ofe following ministries?

Anc

√ 1. Ministry of Education and Ministry of Youth Affairs

X 2. Ministry of Youth and Ministry of Ayush

X 3. Ministry of Youth Affairs and Ministry of Women and Child

X Welfare 4. Ministry of Education and Ministry of Women and Child

Welfare

Question ID: 2643307739 Status: 7 Answered

Q.12Find the ratio of the curved surface area to the total surface area of a cylinder with d iameter of base 14 cm and height 10 cm.

Ans

X 1. $\frac{11}{17}$

Question ID: 2643306170 Status: 3 Answered

Chosen Option: 3

Q.13P buys an article for Rs.280 and sells it to Q at a profit of 25%. Q sells it to R at some profit. R sells it to S for Rs.560 making a profit of 40%. What percentage profit (rounded off to the nearest integer) did Q make?

X 1. 26 Percent

2. 14 Percent

X 3. 32 Percent

X 4. 20 Percent

Question ID: 2643306320

Status: 7 Answered

Chosen Option: 3

Q.14 Study the given table and answer the question that follows.

The table shows the production (in thousands) of four different types of tractors by a company during five years.

Year/Tractor Type	Type – A	Type – B	Type – C	Type – D
2010	18	25	12	19
2011	15	24	14	10
2012	23	13	17	13
2013	17	23	12	11
2014	14	26	20	18

Which type of tractor has same production in the years 2010 and 2013?

Ans X 1. Type – B

✓ 2. Type - C

X 3. Type - A

X 4. Type - D

Question ID: 2643306169

Status: 5 Answered

Chosen Option: 2

Q.15What is the average of the following observations? 2.5, 3.25, 4.75, 7.5, 3, 4, 3 $\,$

Ans X 1.3.5

X 2.4.18

X 3.4.5

4.4

Question ID: 2643305819 Status: 6 Answered

Q.16 W $h\underline{a}t$ is the fourth proportional of 21, 56 and 27?

Ans

X 2. 81 X 3. 54

X 4.96

Question ID: 2643306333 Status: 2 Answered

Chosen Option: 1

Q.17Only two candidate were contesting against each other in an election of a village. One candidate got 43.5% votes and was defeated by 3744 votes. How many votes did the winning candidate get?

X 1. 16500

2. 16272

X 3. 15275

X 4, 16200

Question ID: 2643306165 Status: 1 Answered

Chosen Option: 3

Q.18 If
$$P = \frac{x^2 - 100}{x^2 - 16}$$
 and $Q = \frac{x + 10}{x - 4}$, then the value of $\frac{P}{Q}$ is:

$$\frac{x+10}{x+4}$$

$$\checkmark 2. \frac{x-10}{x+4}$$

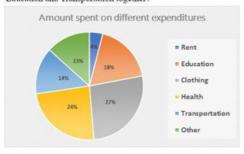
$$\times$$
 3. $\frac{x+10}{x-4}$

$$\times$$
 4. $\frac{x-10}{x-4}$

Question ID: 2643305818 Status: 2 Answered

Chosen Option: 1

Q.19 The following figure shows the expenditures incurred by Rohan in different heads. Rohan has a monthly income of ₹50,000 out of which he spends 60% on different expenditures. What is the total expenditure (in ₹) incurred on Health, Education and Transportation together?



√1. Rs.16,800

X 2. Rs.15,800

X 3. Rs.28,000

X 4. Rs.18,000

Question ID: 2643306335 Status: 3 Answered

 $^{
m Q.20~W}$ hat is the third proportional of 6 and 18? Ans X 1. 36 X 2. 42 **3**. 54 X 4.48 Ouestion ID: 2643305822 Status: 6 Answered Chosen Option: 3 Q.21The mean weight (in kg) of four students is 30. The weights of three of them are 42 kg, 28 kg, and 24 kg. What is the weight (in kg) of the fourth student? X 1. 25 **2**. 26 X 3. 32 X 4.41 Question ID: 2643305819 Status: 7 Answered Chosen Option: 3 Q.2 ₹21,000 is lent at compound interest of 10% p.a. for three years. Find the amount. 2 **√**1.₹27,951 Ans X 2. ₹6,951 X 3.₹27,000 X 4. ₹28,951 Question ID: 2643306168 Status: 0 Answered Chosen Option: 3 Q.23A student wants to know the area of a rhombus, one of whose diagonals is 6 cm. He measures another diagonal as 8 cm. What is the area of the rhombus? X 1. 25 cm2 X 2. 20 cm2 × 4.48 cm2 Question ID: 2643305715 Status: 4 Answered Chosen Option: 2 Q.24A person received a yearly salary hike of 15%, 20%, and 25% in 3 successive years. What is the total salary of the person after 3 years if his initial salary was Rs.20,000? X 1. Rs.30,000 X 2. Rs.35,000 X 3. Rs.32,500 √ 4. Rs.34,500 Question ID: 2643305839 Status: 9 Answered Chosen Option: 3

Q.25The sum of three prime numbers th is 90. If one them exceeds another by 30, then one ofe numbers is: X 1. 41

X 2. 67 **X** 3. 47

4. 59

Question ID: 2643306337 Status: 3 Answered Chosen Option: 3

Section: General Awareness

Q.1Which is NOT correct about the Directive Principles of the State Policy?

X 1. They are mentioned in Part IV of the Constitution of India.

X 2. They aim to establish a welfare state in India.

X 3. They are a novel feature of the Constitution of India.

√ 4. They are justiciable in nature.

Question ID: 2643307713 Status: 0 Answered

Chosen Option: 4

Q.2What happens to the magnetic field produced by a given current in the conductor when the distance increases?

Ans X 1. It stops

X 2. It increases

3. It decreases

X 4. It stays the same

Question ID: 2643307724 Status: 3 Answered

Chosen Option: 3

Q.3In Union Budget 2021-22, PLI schemes for 13 key sectors of manufacturing starting from fiscal year (FY) 2021-22 have been announced. The full form of PLI is:

Ans X 1. Performance Linked Incentive

X 2. Performance Liability Indemnity

X 3. Production License Indemnity

4. Production Linked Incentive

Question ID: 2643307740 Status: 8 Answered

Chosen Option: 1

Q.4Which is NOT correct about the original jurisdiction of the Supreme Court?

Ans 1. can hear any dispute between two or more states.

2. It can hear any dispute between the Government of India and any state or states on one side and one or more states on the other.

and the states

4.X can hear any dispute between the Government of India and one or more states.

Ouestion ID: 2643307711 Status: 8 Answered

Q.5A

p ccording to the Census of India 2011, what is the percentage of the urbanopulation?

√1. 31.16%

× 2. 27.78%

× 3. 23.34%

× 4. 25.71%

Question ID: 2643306716 Status: 3 Answered

Chosen Option: 1

Q.6The Reserve Bank of India (RBI) has introduced a PCA framework for large nonbanking financial companies (NBFCs) with effect from October 2022, putting

restrictions whenever vital financial metrics dip below the prescribed threshold. What

Ans X 1. Prompt Coordinated Action

2. Prompt Corrective Action

X 3. Phased Coordinated Action

X 4. Phased Corrective Action

Question ID: 2643307731 Status: 2 Answered

Chosen Option: 2

introduced the daroga system, replacing zamindari thanedars under the direct control of the district head and on its payroll.

Ans X 1. Lord Minto I

2. Lord Cornwallis

X 3. Lord Hastings

X 4. Lord Wellesley

Question ID: 2643307700

Status: 6 Answered

Chosen Option: 2

Q.8According to poverty statistics in India (2011-12), what is the percentage of population in Chandigarh, below the poverty line?

1. 21.81%

X 2. 2.77%

X 3. 9.91%

× 4. 9.86%

Question ID: 26433067166

Status: Marked For Review

Q.9 The Vidhava Viva w ha Uttejaka Mandal (Society for Encouragement of Widow Marriage)as established in ______ in the second half of the nineteenth century. X 1. Calcutta Presidency 2. Bombay Presidency X 3. the Central Provinces X 4. the United Provinces Question ID: 2643307703 Status: 3 Answered Chosen Option: 1 Q.10Which of the following statements about Bharat Naujawan Sabha is INCORRECT? X 1. It was founded in Punjab. X 2. Bhagat Singh became its founding secretary. X 4. It started political work among the youth, peasants, and workers. Question ID: 2643307703 Status: 8 Answered Chosen Option: 2 Q.11Deficiency of which vitamin causes symptoms like tingling in the tongue, anaemia, white patches on the skin, mouth ulcers and shortness of breath? X 1. Vitamin K √ 2. Vitamin B12 X 3. Vitamin E X 4. Vitamin B1 Question ID: 2643307729 Status: 0 Answered Chosen Option: 2 Q.12Who among the following was the Wazir of Sultan Iltutmish? Ans X 1. Sai'd Fakhr-I-Mudabbir X 2. Malik Naik 3. Nizam ul-Mulk Junaidi X 4. Nusrat Khan Question ID: 26433077057 Status: Marked For Review Chosen Option: 1 Q.13Which of the following launched 'SAGE' initiative on 4 June 2021? Ans X 1. Ministry of Education X 2. NITI Aayog X 3. Ministry of Women and Child Welfare 4. Ministry of Social Justice and Empowerment Ouestion ID: 26433077401 Status: Not Answered Chosen Option: --

 $Q.14\,W$ hich is the most suitable soil for growing coffee in India? Ans X 1. Black Soil X 2. Red Soil 3. Laterite soil X 4. Alluvial Soil Ouestion ID: 2643307698 Status: 0 Answered Chosen Option: 1 Q.15Shakoor Khan, Pandit Ram Narayan, Ramesh Mishra, Sultan Khan and Ustad Binda Khan are noted players of which of the following instruments? X 1. Rudra veena X 2. Santoor 3. Sarangi X 4. Jal-tarang Question ID: 26433076880 Status: Marked For Review Chosen Option: 2 Q.16Who is recognised as the founder of the Lucknow Gharana of Kathak? 🗡 1. Birju Maharaj 2. Ishwari Prasad X 3. Rukmini Devi X 4. Sitara Devi Question ID: 2643307164 Status: 2 Answered Chosen Option: 1 Q.17Which of the following dances is traditionally performed by tea cultivators in Assam? X 1. Bihu X 2. Deodhani √ 3. Jhumur X 4. Bhortal Nritya Question ID: 2643307690 Status: 4 Answered Chosen Option: 1 Q.18Who is the head of the committee constituted by the Central Government to consider the withdrawal of AFSPA from Nagaland? X 1. Ajay Kumar Bhalla 2. Vivek Joshi X 3. Rajiv Gauba X 4. Piyush Goyal Question ID: 26433077405 Status: Marked For Review Chosen Option: 2

Q.19 Bu p ilders of which of the following temples had constructed a 4 km long incline forlacing 90 tonnes of stone on top of the tallest shikhard amongst to X 1. The Sun Temple 2. Rajarajeshvara Temple X 3. Kandhariya Mahadeva Temple X 4. Gangadikondha Temple Question ID: 26433076892 Status: Not Answered Chosen Option: --Q.20In the 1920s, who created the Left-Step Periodic Table (LSPT) of the chemical elements, basing the positions of the elements on patterns in the arrangement of electrons around the atomic nucleus? X 1. Glenn Seaborg X 2. Lothar Meyer 3. Charles Janet X 4. Dmitri Mendeleev Question ID: 2643307725 Status: 0 Answered Chosen Option: 1 Q.21Who among the following as the Governor administered the oath to the CM of Assam, Himanta Biswa Sarma, in 2021? X 1. Padmanabha Balakrishna Acharya X 2. Ganga Prasad X 3. Jagdeep Dhankhar 4. Jagadish Mukhi Question ID: 2643307735 Status: 4 Answered Chosen Option: 4 Q.22Which mineral found in Koderma and Giridih districts of Jharkhand is used for power industry, paint and pigment industry etc.? Ans X 1. Quartz 2. Mica X 3. Asbestos X 4. Kyanite Question ID: 2643307727 Status: 5 Answered Chosen Option: 2 Q.23Who among the following is NOT appointed by the President of India? X 1. Ambassadors and High Commissioners X 2. Comptroller and Auditor General of India

X 3. Attorney General of India

✓ 4. Solicitor General of India

Question ID: 2643307712 Status: 2 Answered

Q.24 W here is the headquarters of Food Corporation of India located? Ans \times 1. Kolkata ✓ 2. New Delhi X 3. Hyderabad X 4. Bhubaneswar

> Question ID: 2643307699 Status: 7 Answered Chosen Option: 2

Q.25The Champaran Mela is celebrated every year in which city of Chhattisgarh?

Ans X 1. Bilaspur

2. Raipur

X 3. Raigarh

X 4. Korna

Question ID: 26433076932 Status: Marked For Review