Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate	
Name	
Venue Name	
Exam Date	21/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

Section: General Intelligence and Reasoning

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

13 6 75 15 8 ? 18 4 70

Ans 🚀 1. 116

X 2. 96

X 3. 76

X 4. 84

Question ID : 65497842782 Status : Answered

Chosen Option: 1

Q.2 Select the correct water image of the given combination.

Rfg5aP

Ans

X1R1g5a9

X5 Rfg5sP

^₃ Rfg5aP

X4 AfgeaP

Question ID: 65497843698

Status : Answered

Q.3 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Question ID: 65497844610

Status: Not Answered Chosen Option: --

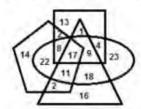
Q.4 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

Question ID: 65497843692

Status: Answered

Chosen Option: 2

Q.5 In the following Venn diagram, the oval stands for 'chartered accountants', the pentagon stands for 'males', the triangle stands for 'full-time employees', and the square stands for 'tax-payers'. The given numbers represent the number of persons in that particular category.



How many male chartered accountants are NEITHER tax-payers NOR full-time employees?

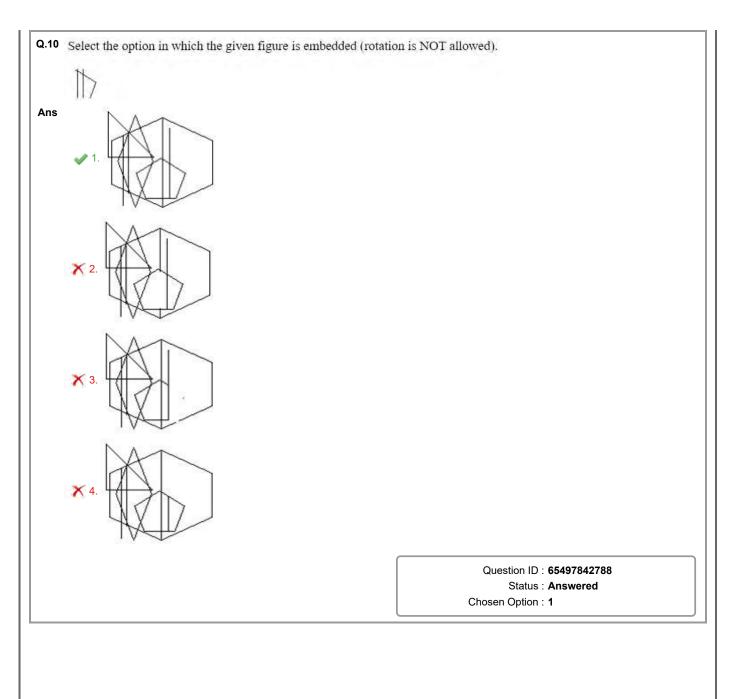
X 2. 14

√ 3. 22

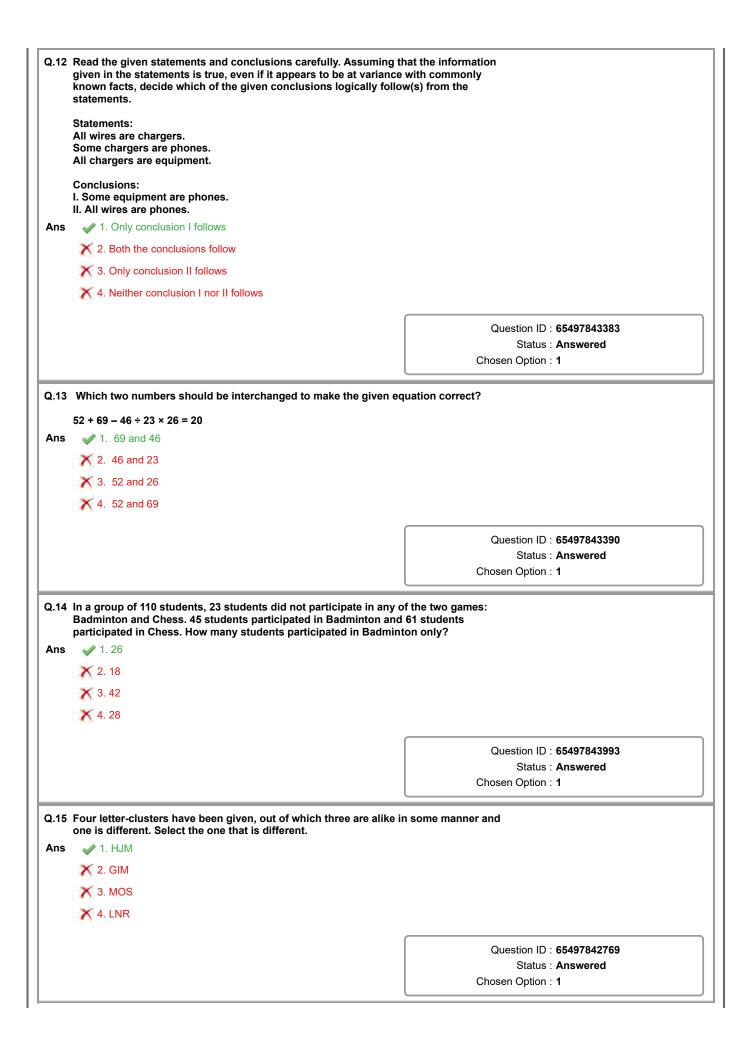
X 4. 8

Question ID: 65497844003 Status: Answered

Q.U	Select the number from among the given opti (?) in the following series.	ons that can replace the question mark
	50, 67, 86, 107, ?	
Ans	X 1. 124	
	X 2. 118	
	X 3. 136	
	4 . 130	
		Question ID : 65497842778 Status : Answered
		Chosen Option : 4
_		
).7	A cube is made by folding the given sheet opposite faces?	. In the cube so formed, which of the following pairs of numbers will be on
	1 5 4	
	2 3 6	
۱		
۱ns	▼ 5 and 5	
	× 2. 1 and 5	
	× 3. 4 and 6	Outstire ID : 05407042202
	× 4. 2 and 4	Question ID : 65497843393 Status : Answered
		Chosen Option : 1
		W WENGLE III W TRUCKTON
7.8	In a certain code language, BACHELOR is write written as in that language?	tten as YZXSVOLI. How will EDUCATION
ns	X 1. GFWECVKRM	
	× 2. MLRGZXFWV	
	X 3. FEVDBUJPM	
	✓ 4. VWFXZGRLM	
	✓ 4. VWFXZGRLM	0 1 10 27 177
		Question ID : 65497844607 Status : Answered
		Question ID : 65497844607 Status : Answered Chosen Option : 4
		Status : Answered Chosen Option : 4
Q.9	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bett the table. If Q is sitting in the south-east, then	Status : Answered Chosen Option : 4 cing in the same order anticlockwise ween them, with all facing the centre of
	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bet the table. If Q is sitting in the south-east, then	Status : Answered Chosen Option : 4 cing in the same order anticlockwise ween them, with all facing the centre of
	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bet the table. If Q is sitting in the south-east, then	Status : Answered Chosen Option : 4 cing in the same order anticlockwise ween them, with all facing the centre of
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	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bet the table. If Q is sitting in the south-east, then 1. North 2. South	Status : Answered Chosen Option : 4 cing in the same order anticlockwise ween them, with all facing the centre of
Q.9	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bett the table. If Q is sitting in the south-east, then 1. North 2. South 3. South-west	Status : Answered Chosen Option : 4 ting in the same order anticlockwise ween them, with all facing the centre of in which direction is W sitting?
	Eight friends, P, Q, R, S, T, U, V and W, are sitt around a circular table at equal distances bett the table. If Q is sitting in the south-east, then 1. North 2. South 3. South-west	Status : Answered Chosen Option : 4 Ling in the same order anticlockwise ween them, with all facing the centre of



Q.11		per (figures i and ii) and the manner in which the folded paper has been cut (figure Select the option that would most closely resemble the unfolded form of figure
	~ <	
	(i) (ii)	(iii)
Ans		
	★ 2.	
	X 3.	
	✓ 4.	Question ID: 65497842083 Status: Answered Chosen Option: 4



Q.16	Select the number from among the given options that can replace (?) in the following series.	the question mark
	45, 47, 52, 62, 79, ?	
Ans	X 1.85	
	× 2. 92	
	✓ 3. 105	
	X 4. 112	
		Question ID : 65497843385
		Status : Answered Chosen Option : 3
		Silataii Spilaii S
Q.17	Select the correct option that indicates the arrangement of the givorder in which they appear in an English dictionary.	en words in the
	1. Photographic	
	2. Photocopier 3. Photography	
	4. Photographer 5. Photocopy	
Ans	√ 1. 2, 5, 4, 1, 3	
	2. 4, 1, 5, 3, 2	
	3. 1, 2, 3, 4, 5	
	4. 3, 5, 1, 4, 2	
		Question ID : 65497842869 Status : Answered
		Chosen Option : 1
Q.18	In a certain code language, 'RAHUL' is coded as 180, and 'POOJA' How will 'RAJIV' be coded in the same language?	is coded as 171.
Ans	X 1. 122	
	× 2.85	
	X 3. 61	
	✓ 4. 180	
	·	
		Question ID : 65497842065
		Status : Not Answered Chosen Option :
Q.19	Select the option that is related to the third term in the same way α related to the first term.	as the second term is
	CANOPY : DCQSUE :: TONSIL : ?	
Ans	X 1. URQWNS	
	X 2. UQQXOR	
	X 3. UQRVNR	
	✓ 4. UQQWNR	
		Question ID : 65497843982
		Status : Answered
		Chosen Option : 4

Q.20 In a certain code, 692425 means 'School education is free in India' and 7926 means 'College education is costly'. Which of the following is the code for 'I want to become graduate'?

Ans X 1. 23586

X 2. 54268

3. 14268

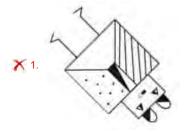
X 4. 15426

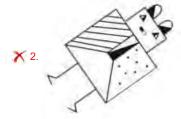
Question ID: 65497842773 Status : Answered

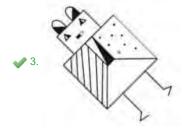
Q.21 Which of the option figures when rotated 135° clockwise and then 45° anticlockwise will result in the given question figure?

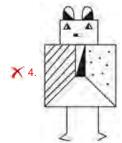


Ans









Question ID : **65497842078** Status : **Answered**

Q.22 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. ORGANS, SORGAN, SNORGA, ?, SNAGOR, SNAGRO Ans X 1. SNAROG 2. SNAORG X 3. SNOARG X 4. SNAOGR Question ID: 65497843373 Status: Answered Chosen Option: 2 Q.23 Select the option that is related to the third number in the same way as the second number is related to the first number. 18:10::24:? **1.13** Ans X 2. 12 **X** 3. 17 **X** 4. 29 Question ID: 65497842073 Status: Answered Chosen Option : 1

Q.24 Select the figure from among the given options that can replace the question mark (?) in the following series. Ans Question ID: 65497843695 Status : Answered Chosen Option: 2 Q.25 Pointing towards the photograph of a lady, Varun said, "She is my father-in-law's son's only sister's mother-in-law". How is Varun related to that lady? Ans X 1. Brother 2. Son X 3. Husband X 4. Son-in-law

> Question ID : 65497843684 Status : Not Answered

Chosen Option : --

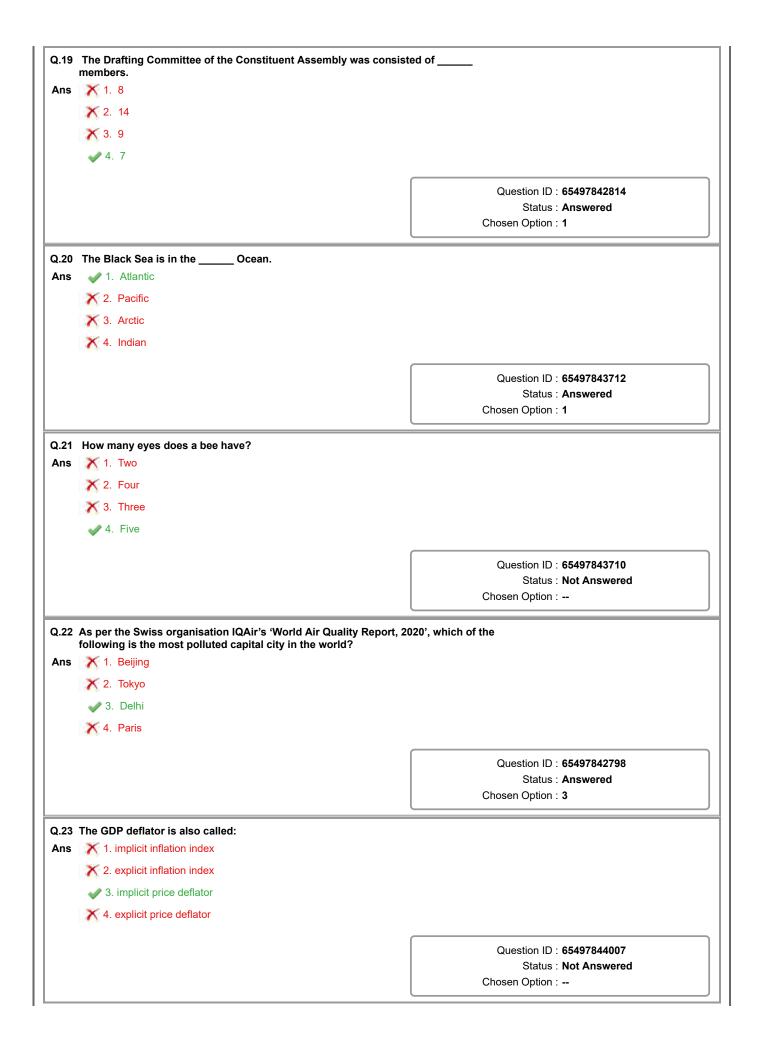
Section: General Awareness

Q.1	Hot water can be a pollutant if it comes from:	
	(a) A hot spring (b) A power plant (c) An industry	
Ans	✓ 1. Both (b) and (c)	
	× 2. Only (c)	
	X 3. Only (a)	
	4 . Only (b)	
		Outstier ID : 05407044044
		Question ID : 65497844014 Status : Answered
		Chosen Option : 1
Q.2	Chandragupta Maurya overthrew the power of the at Mag Kautilya and founded a glorious Mauryan empire in 322 BC.	adha with the aid of
Ans	X 1. Kurus	
	X 2. Mallas	
	X 3. Panchalas	
	✓ 4. Nandas	
		2 12
		Question ID : 65497842806 Status : Answered
		Chosen Option : 4
$^{\circ}$	Which of the following statements about black soil is INCOPPEC	T2
Q.3 Ans	 Which of the following statements about black soil is INCORREC 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. 	T?
	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 	Τ?
	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 	Question ID : 65497843410
	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 	
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident poper.	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem?	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem?	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem? 1. Census 	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem? 1. Census 2. Crude rate 	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem? 1. Census 2. Crude rate 3. Carrying capacity 	Question ID : 65497843410 Status : Answered Chosen Option : 4
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem? 1. Census 2. Crude rate 3. Carrying capacity 	Question ID: 65497843410 Status: Answered Chosen Option: 4 ulation in a given Question ID: 65497842805
Ans	 1. It is found along the Deccan trap. 2. It has a good capacity to hold moisture. 3. It develops deep cracks during hot weather. 4. It is rich in phosphoric content. What do you call the maximum sustainable size of a resident popecosystem? 1. Census 2. Crude rate 3. Carrying capacity 	Question ID : 65497843410 Status : Answered Chosen Option : 4 ulation in a given

ري. Ans	Which of the following is the largest dome of India as of Apr 1. Alai Darwaza	11 2021:
	X 2. Adhai Din Ka Jhonpra	
	✓ 3. Gol Gumbaz	
	X 4. Data Darbar	
		Question ID : 65497843399
		Status : Not Answered Chosen Option :
Q.6	In which of the following States/Union Territories did a region abbreviated name TIPRA come into the limelight in March-A	
Ans	1. Tamil Nadu	
	X 2. Telangana	
	X 3. Ladakh	
	✓ 4. Tripura	
		0 11 15 0710701000
		Question ID : 65497844023 Status : Not Answered
		Chosen Option :
Q.7	'Povadas' is a popular folk dance from the state of	
Q.7 Ans	1. Maharashtra	
	X 2. Gujarat	
	X 3. Rajasthan	
	X 4. Kerala	
		Question ID : 65497842792
		Status : Answered Chosen Option : 1
	Which of the following books was written by Jawaharlal Neh	ıru?
Ans	1. A Bunch of Old Letters	
	X 2. Riddles in Hinduism	
	X 3. Ranade, Gandhi and Jinnah	
	X 4. Waiting For A Visa: Autobiographical Notes	
		Question ID : 65497842103
		Status : Not Answered
		Chosen Option :
Q.9	Who among the following was the only martyr of the Quit In	dia phase of the freedom
•	movement who was hanged?	
Ans	X 1. Potti Sreeramulu	
	X 2. Senapati Bapat	
	3. Kushal Konwar	
	X 4. Kanaiyalal Maneklal Munshi	
		Question ID : 65497843413
		Status : Not Answered
		Chosen Option :

Q.10	Union Budget 2021-22 allocated a total amount of towa wellbeing.	rds health and
Ans	X 1. ₹94,452 crore	
	X 2. ₹3,32,194 crore	
	✓ 3. ₹2,23,846 crore	
	X 4. ₹1,54,938 crore	
		Question ID : 65497842087
		Status : Not Answered
		Chosen Option :
Q.11	Realising the importance of maintaining the cleanliness of the Government of India passed the Water (Prevention and Contro, to safeguard our water resources.	
Ans	✓ 1. 1974	
	2. 1973	
	X 3. 1971	
	X 4. 1969	
		Question ID : 65497843403
		Status : Not Answered
		Chosen Option :
Q.12	Who among the following won the 2020 Tour de France?	
Ans	X 1. Wout Van Aert	
	X 2. Egan Bernal	
	√ 3. Tadej Pogačar	
	X 4. Nairo Quintana	
		Question ID : 65497843421 Status : Not Answered
		Chosen Option :
Q.13	Which of the given statements about the Union Budget is/are to	rue?
	 a) Vote on Account deals only with the expenditure side of the government budget. b) Vote on Account and Interim Budget are not the same. c) An Interim Budget gives a complete financial statement, similar to a full budget. 	
Ans	X 1. Only (a)	
	2. Only (c)	
	√ 3. (a), (b) and (c)	
	X 4. (a) and (b)	
		Out that ID 27 1070 1770
		Question ID : 65497843705 Status : Not Answered
		Chosen Option :
		· ·

~ 4 4		. A	
	How many Schedules did the Constitution of India contain	April 2021?	
Ans	X 1. 14		
	2. 16		
	√ 3. 12		
	X 4. 10		
			n ID : 65497843722
			atus : Answered
		Chosen Op	Juon . 3
2.15	What was the theme of World Toilet Day 2020?		
Ans	1. Better Sanitation for Better Nutrition		
	2. Sustainable Sanitation and Climate Change		
	X 3. Toilets and Jobs		
	× 4. When Nature Calls		
	4. When Nature Gails		
		Questio	n ID : 65497842092
		St	atus : Answered
		Chosen Op	otion: 4
Q.16	Who among the following is the author of the book 'Sea of	pies'?	
Ans	1. Vikram Seth		
	X 2. Arvind Adiga		
	3. Amitav Ghosh		
	X 4. Shashi Tharoor		
			n ID : 65497843718 atus : Not Answered
		Chosen Op	
Q.17	Along with India, which of the following countries was crow	Joint Winner at the	
	2020 Önline FIDE Chess Olympiad?		
Ans	X 1. Croatia		
	X 2. Ukraine		
	X 3. Belgium		
	√ 4. Russia		
			n ID : 65497844028
		Chosen Op	atus : Not Answered
		Chosen Op	
Q.18	The Constitution (112th Amendment) Bill 2009 provides for	reservation for	
	women in Urban Local Bodies was introduced in Lok Sabha		
Ans	X 1. 10%		
	× 2. 20%		
	× 3.30%		
	✓ 4.50%		
	•		
		Questio	n ID : 65497842105
			atus : Not Answered
		Chosen Op	otion :



	Q.24 Who among the following persons was associated with the Chittagong Armoury Raid? Ans 1. Vishnu Sharan Dublish	
	Sachindranath Bakshi	
	3. Manmath Nath Gupta	
V	4. Ardhendu Dastidar	
		Question ID : 65497842101
		Status : Not Answered
		Chosen Option :
.25 In the	e context of the spread of germs by faecal matter, which of t	the following does
NOT	figure in the F-Diagram?	•
	1. Fingers	
	2. Fluids	
	3. Flies	
/	4. Fungi	
		Question ID : 65497844012
		Status : Answered
		Chosen Option : 1
Q.1 LCM	M and HCF of two numbers are 90 and 15, respectively.	If the sum of the two numbers is 75, then find the greater
Q.1 LCN num	M and HCF of two numbers are 90 and 15, respectively. mber. 1. 45	If the sum of the two numbers is 75, then find the greater
Q.1 LCM num Ans	M and HCF of two numbers are 90 and 15, respectively. nber. 1. 45 2. 90	If the sum of the two numbers is 75, then find the greater
Q.1 LCM num Ans	M and HCF of two numbers are 90 and 15, respectively. 1. 45 2. 90 3. 75	If the sum of the two numbers is 75, then find the greater
Q.1 LCM num Ans	M and HCF of two numbers are 90 and 15, respectively. nber. 1. 45 2. 90	Question ID : 65497844030
Q.1 LCM num Ans	M and HCF of two numbers are 90 and 15, respectively. 1. 45 2. 90 3. 75	

Q.2 A 22.5 m high tent is in the shape of a frustum of a cone surmounted by a hemisphere. If the diameters of the upper and the lower circular ends of the frustum are 21 m and 39 m, respectively, then find the area of the cloth (in m2) used to make the tent (ignoring the wastage).

$$\left(\operatorname{Use} \pi = \frac{22}{7}\right)$$

- \times 1. 787 $\frac{2}{7}$
- \checkmark 2. 2107 $\frac{2}{7}$
- \times 3. $1635\frac{6}{7}$
- \times 4. 2800 $\frac{2}{7}$

Question ID: 65497843636 Status: Not Answered

Chosen Option: --

A borrows a sum of ₹90,000 for 4 years at 5% simple interest. He lends it to B at 7% for 4 years at simple interest. What is his gain (in ₹)?

- Ans 🕢 1. 7,200
 - × 2. 9,000
 - X 3. 8,000
 - X 4. 7,500

Question ID: 65497842825

Status : Answered

Chosen Option: 1

Q.4 Three partners X, Y and Z started their business by investing ₹40,000, ₹38,000 and ₹30,000, respectively. After 6 months, X and Z made additional investments of ₹20,000 and ₹15,000 respectively, whereas Y withdrew ₹8,000. Find the share of Y (in ₹) in the total profit of ₹38,880 made at the end of the year.

Ans

- 1. 10,880
- × 2. 10,950
- X 3. 9,800
- X 4. 10,200

Question ID: 65497842117

Status: Not Answered

Q.5	If a 10-digit number 54726x79y6 is divisible by 72, then	n what is the value of $5x - 3y$, for the least value of y ?
Ans	X 1. 17	
	✓ 2. 16	
	X 3. 19	
	X 4. 23	0 11 17 07 10 10
		Question ID : 65497843423 Status : Answered
		Chosen Option: 2
2.6	A vegetable vendor sold 1 kg of potatoes for ₹25 and earned	25% profit. In the evening, he started selling potatoes with
	only 10% profit. At what cost (in ₹) per kg did he sell the po	tatoes in the evening?
เทร	X 1. 21	
	× 2. 20	
	× 3. 24	
	4 22	Question ID : 65497843732
	✓ 4. 22	
	 ✓ 4. 22 If 35 men can finish a work in 6 days, then in how X 1. 30 	Status : Answered Chosen Option : 4
	If 35 men can finish a work in 6 days, then in how ✓ 1. 30 ✓ 2. 15	Status : Answered Chosen Option : 4
	If 35 men can finish a work in 6 days, then in how 1. 30 2. 15 3. 60	Status : Answered Chosen Option : 4
	If 35 men can finish a work in 6 days, then in how ✓ 1. 30 ✓ 2. 15	Status : Answered Chosen Option : 4 many days can 7 men do half of the same work?
	If 35 men can finish a work in 6 days, then in how 1. 30 2. 15 3. 60	Status : Answered Chosen Option : 4
	If 35 men can finish a work in 6 days, then in how 1. 30 2. 15 3. 60	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735
uns	If 35 men can finish a work in 6 days, then in how 1. 30 2. 15 3. 60	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
ns	If 35 men can finish a work in 6 days, then in how ★ 1. 30 ★ 2. 15 ★ 3. 60 ★ 4. 17	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
λ.8	If 35 men can finish a work in 6 days, then in how 1. 30 2. 15 3. 60 4. 17 The perimeters of two similar △ ABC and △ PQR are 48.	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
ns 0.8	If 35 men can finish a work in 6 days, then in how \times 1. 30 \checkmark 2. 15 \times 3. 60 \times 4. 17 The perimeters of two similar \triangle ABC and \triangle PQR are 48, areas of \triangle ABC and \triangle PQR?	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
Q.8	If 35 men can finish a work in 6 days, then in how \times 1. 30 \checkmark 2. 15 \times 3. 60 \times 4. 17 The perimeters of two similar \triangle ABC and \triangle PQR are 48, areas of \triangle ABC and \triangle PQR?	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
Q.7 Ans	If 35 men can finish a work in 6 days, then in how \times 1. 30 \checkmark 2. 15 \times 3. 60 \times 4. 17 The perimeters of two similar \triangle ABC and \triangle PQR are 48, areas of \triangle ABC and \triangle PQR? \times 1. 4: 1 \times 2. 1: 16	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2
Ans	If 35 men can finish a work in 6 days, then in how \times 1. 30 \checkmark 2. 15 \times 3. 60 \times 4. 17 The perimeters of two similar \triangle ABC and \triangle PQR are 48 areas of \triangle ABC and \triangle PQR? \times 1. 4: 1 \times 2. 1: 16 \checkmark 3. 16: 1	Status: Answered Chosen Option: 4 many days can 7 men do half of the same work? Question ID: 65497843735 Status: Answered Chosen Option: 2 4 cm and 12.1 cm, respectively. What is the ratio of the

Q.9 AB is a chord of a circle with centre O. C is a point on the circle in the minor sector. If ∠ABO = 50°, then what is the degree measure of ∠ACB?

Ans X 1. 100°

X 2. 130°

X 3. 110°

√ 4. 140°

Question ID: 65497842831 Status: Answered

Chosen Option: 4

Q.10

If 4x - 3y = 12 and xy = 5, then find the value of $\frac{16x^2 + 9y^2}{8}$.

1. 33

X 2. 18

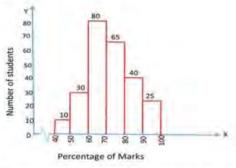
X 3. 3

X 4. 44

Question ID: 65497843738 Status: Answered Chosen Option: 3

Q.11 Study the histogram and answer the question given below.

The graph represents the number of students obtaining a percentage of marks in class X Board examination in 2018 in a school.



The number of students who have secured less than 60% marks is what per cent less than the number of students who have secured 80% marks and above?

Ans X 1. 37,4%

√ 2. 38.5%

X 3. 33.5%

X 4. 29.7%

Question ID: 65497842841

Status: Answered

Q.12 If $\sec^2 \alpha + 4\cos^2 \alpha = 4$ and $0^\circ \le \alpha \le 90^\circ$, then find the value of α .

Ans X 1. 30°

X 2. 0°

√ 3. 45°

X 4. 60°

Question ID: 65497842128 Status: Answered

Chosen Option: 3

If $\tan A = \frac{2.4}{0.7}$, what is the value of (50 $\cos A + 24 \cot A$)?

Ans 🗳 1. 21

X 2. 37

X 3. 26

X 4. 34

Question ID: 65497843745

Status: Answered

Chosen Option: 1

Q.14 In a triangle ABC, points P and Q are on AB and AC, respectively, such that AP = 4 cm, PB = 6 cm, AQ = 5 cm and QC = 7.5 cm. If PQ = 6 cm, then find BC (in cm).

Ans X 1. 10

X 2. 9

√ 3. 15

X 4. 12

Question ID: 65497842126

Status: Answered

Chosen Option: 3

Q.15 Ankita's weight is 20% less than that of her grandmother. The grandmother weighs 26 kg less than grandmother's husband, whose weight is 81 kg. If Ankita's brother is 8 kg heavier than Ankita, then what is the weight (in kg) of Anikita's brother?

Ans 💢 1. 60

X 2. 19

X 3. 36

4. 52

Question ID: 65497843428

Status: Not Answered

Q.16 A reduction of 15% in the price of wheat enables a housewife to buy 6 kg more for ₹2,720. The reduced price of wheat per kg (in ₹) is:

Ans X 1. 75

√ 2. 68

X 3. 70

X 4. 65

Question ID: 65497844437 Status: Answered

Chosen Option: 2

Q.17 The length of the shadow of a vertical tower on level ground increases by 8.4 cm when the altitude of the sun changes from 45° to 30°. What is the height of the tower (in m)?

Ans \times 1. $4.2(\sqrt{3}-1)$

 \times 2. 8.4 $(\sqrt{3}+3)$

 \times 3. $4.2(\sqrt{3}+3)$

 \checkmark 4. $4.2(\sqrt{3}+1)$

Question ID: 65497844049

Status: Answered

Chosen Option: 4

Q.18 In a circle with centre O, PQ and QR are two chords such that ∠PQR = 118°. What is the measure of ∠OPR?

Ans X 1. 36°

X 2. 26°

X 3. 31°

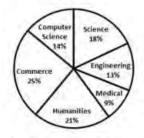
√ 4. 28°

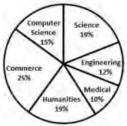
Question ID: 65497843438

Status: Answered

Q.19 The following pie charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020.

What is the ratio of Commerce and Computer Science students taken together in 2019 to Engineering and Medical students taken together in 2020?





Academic year 2019

Academic year 2020

Ans X 1. 44:65

√ 2. 65:44

X 3. 22:39

X 4. 39:22

Question ID: 65497844052

Status: Not Answered

Chosen Option: --

Q.20 Find the value of the following expression:

$$-5 + 5 + 625 \div 5 \times 5$$

Ans X 1. 25

√ 2. 625

X 3. 605

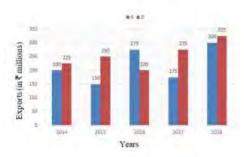
X 4. 121

Question ID: 65497844031

Status: Answered

Q.21 The following bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹ millions) during 2014 to 2018.



The total exports of cars of type A in 2014 to 2018 is what per cent more than the total exports of cars of type B in 2015 to 2017? (Correct to one decimal place)

- Ans X 1. 44.3%
 - X 2. 50.4%
 - √ 3. 51.7%
 - X 4. 41.3%

Question ID: 65497842939

Status: Not Answered

Chosen Option: --

If $\left(a + \frac{1}{a} + 3\right)^2 = 16$, where a is a non-zero real number, then find the value of $a^2 + \frac{1}{a^2}$.

- Ans 🔀 1. 3
 - **2**. 47
 - X 3. 49
 - X 4. 7

Question ID: 65497842123 Status: Answered

Chosen Option: 2

Q.23 Ras Bihari, a plumber, earned on an average ₹925 per day in the month of January. He earned on an average ₹881 per day during the first 20 days and ₹915 per day during the last 20 days. What was his average income (in ₹) per day from 12th January to 20th January?

- Ans X 1. 792
 - X 2. 875
 - X 3. 800
 - √ 4. 805

Question ID: 65497843628 Status: Answered

Q.24 Monthly expenditure of a family on different heads is shown in the following pie chart. The family earns ₹1,08,000 every month.

What is the amount spent on Rent every month (in ₹)?

Expenditure on different Heads



Ans X 1. 17,500

X 2. 21,000

X 3. 15,000

4. 18,000

Question ID: 65497844051

Status: Answered

Chosen Option: 4

Q.25 A 240-m long train crosses a 360-m long tunnel in 30 seconds. What is the speed of the train (in km/h)?

Ans 💓 1. 72

× 2. 43.2

X 3. 60

X 4. 28.8

Question ID: 65497842120

Status: Answered

Chosen Option : 1

Section: English Comprehension

Q.1 Select the INCORRECTLY spelt word.

Ans

1. Secratariat

X 2. Heartbeat

X 3. Performance

X 4. Tongue

Question ID: 65497843774

Status: Answered

Chosen Option: 1

Q.2 Select the INCORRECTLY spelt word.

Ans X 1. Giggle

X 2. Girdle

3. Gingar

X 4. Giant

Question ID: 65497842159

Status: Answered

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. As it was getting late Lata leave the party midway. Ans X 1. is left the party X 2. leaving the party 3. No substitution required 4. left the party Question ID: 65497844068 Status: Answered Chosen Option: 4 Q.4 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. The team won / very easily / at the recent sports event. Ans X 1. at the recent sports event X 2. very easily X 3. The team won 4. No error Question ID: 65497844256 Status: Answered Chosen Option: 2 Q.5 Select the most appropriate ANTONYM of the given word. **Astound** Ans X 1. Confuse X 2. Shock 3. Clarify X 4. Stun Question ID: 65497843466 Status: Answered Chosen Option: 3 Q.6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. I don't fancy to go out this evening. Ans X 1. to going outside X 2. No improvement required X 3. to be going out 4. going out Question ID: 65497843461 Status: Answered Chosen Option: 2

Q.7	Select the option that expresses the given sentence in passive voi	ce.
	Nobody fed him when he was starving.	
Ans		
	X 2. He is not fed by anybody when he is starving.	
	X 3. He were fed by nobody when he was starving.	
	4. He was not fed by anybody when he was starving.	
		Question ID : 65497842140
		Status : Answered
		Chosen Option : 4
Q.8	Select the most appropriate synonym of the given word.	
	Retaliate	
Ans	X 1. Clap	
	× 2. Rotate	
	X 3. Facilitate	
	✓ 4. react	
	·	
		Question ID : 65497843776
		Status : Answered
		Chosen Option : 4
Q.9	Select the most appropriate meaning of the given idiom.	
	Cat's paw	
Ans	1. A person used as a tool by another	
	X 2. The most important attribute	
	X 3. To attack someone	
	X 4. Move at a fast pace	
		Question ID : 65497842863
		Status : Answered
		Chosen Option : 1
Q.10	The following sentence has been divided into parts. One of them c Select the part that contains the error from the given options.	ontains an error.
	He conceded / a very crucial / point at / his opponent.	
Ans	X 1. a very crucial	
	✓ 2. point at	
	X 3. his opponent	
	X 4. He conceded	
		Question ID : 65497842845
		Status : Answered
		Chosen Option : 2

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. I find that / I get myself tired / very easily / these days. Ans X 1. these days 2. I get myself tired X 3. I find that X 4. very easily Question ID: 65497842741 Status: Answered Chosen Option: 2 Q.12 Sentences of a paragraph are given below. While the first and the last sentences are in correct order, the sentences in between are jumbled up. Arrange the sentences in the right order to form a meaningful and coherent paragraph. S1. Ram Mohan was a lover of his country. P. David said that it would be a good plan to have an English school and college. Q. He was talking with David about uplifting the mind of Indians. R. So, he also thought that this subject was very interesting. S. David also had a strong bond with India. S6. Indians and Europeans met next year to put this idea into shape. √ 1. QSRP Ans X 2. SRPQ X 3. RPQS X 4. RSPQ Question ID: 65497844069 Status: Answered Chosen Option: 1 Q.13 Select the most appropriate meaning of the given idiom. In the limelight Ans 1. About to be successful 2. The centre of attraction X 3. In a well lit up room X 4. A well kept secret Question ID: 65497843468 Status: Answered Chosen Option: 2 Q.14 Select the most appropriate synonym of the given word. Sagacious X 1. Precious Ans X 2. Delicious X 3. Malicious 4. Judicious Question ID: 65497842152 Status: Answered Chosen Option: 4

.15	Select the most appropriate synonym of the given word.			
	Audacity			
Ans	✓ 1. Daring			
	2. Meekness3. Caution4. Kindness			
		Question ID : 65497844070 Status : Answered		
		Chosen Option : 1		
2.16	Select the option that expresses the given sentence in ac	ctive voice.		
•				
Ans	I was taught by Shyam how to drive. 1. Shyam taught me how to drive.			
	X 2. Shyam is teaching me how to drive.			
	X 3. Shyam has taught me how to drive.			
	X 4. I taught Shyam how to drive.			
	4. Haught Shyam now to unive.			
		Question ID : 65497844058		
		Status : Answered		
		Chosen Option : 1		
Ans	Industrious 1. Persistent 2. Diligent 3. Zealous 4. Indolent			
	•			
		Question ID : 65497842861		
		Status : Answered Chosen Option : 4		
		Chiscon Option: 1		
Q.18	The following sentence has been split into segments. Ide contains a grammatical error.	entify the segment that		
	My guide / was blind / but he bring / me home safely.			
Ans				
	X 2. My guide			
	2 was blind			
	X 3. was blind			
	✓ 4. but he bring			
		Question ID : 65497842137		
		Question ID : 65497842137 Status : Answered		

19	Select the option that can be used as a one-word substitute for the given group of words.		
	A four-footed animal		
ns	X 1. Mammal		
	X 2. Reptile		
	√ 3. Quadruped		
	X 4. Biped		
		Question ID : 65497842157	
		Status : Answered	
		Chosen Option: 3	
.20	Select the option that expresses the given sentence in indire	ect speech.	
	Manoj said to Mira, "Do not try to make a fool of me."		
Ans	1. Manoj told Mira to not to try to make a fool of me.		
	X 2. Manoj told Mira do not try to make a fool of him.		
	3. Manoj told Mira not to try to make a fool of him.		
	X 4. Manoj told Mira to not try to make a fool of me.		
		Question ID : 65497842854	
		Status : Answered	
		Chosen Option: 3	
	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.		
	Birbal immediately smiled and went up to Akbar. He announced the (1); he said there were twenty-one thousand, five hundred and twenty-three crows (2) the city. When asked how he (3) the answer, Birbal replied, "Ask your men to (4) the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."		
	SubQuestion No : 21		
2.21	Select the most appropriate option to fill in blank number 1.		
Ans	✓ 1. answer		
	X 2. response		
	X 3. question		
	X 4. rejoinder		
		Question ID: 65497843758	
		Question ID : 65497843758 Status : Answered	

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	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.		
	Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2) asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be v who live outside the city."	the city. When 4) the number ing them from (5)	
	SubQuestion No : 22		
Q.22	Select the most appropriate option to fill in blank number 2.		
Ans	√ 1. in		
	X 2. at		
	✗ 3. off		
	× 4. on		
		Question ID : 65497843759	
		Status : Answered Chosen Option : 1	
	Comprehension:		
	Comprehension: In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	ssage carefully and	
	In the following passage, some words have been deleted. Read the pas	; he said therethe city. When 4) the number ing them from (5)	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2)asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be v	; he said therethe city. When 4) the number ing them from (5)	
Q.23	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2) asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be v who live outside the city."	; he said therethe city. When 4) the number ing them from (5)	
Q.23 Ans	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2) asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be v who live outside the city." SubQuestion No: 23	; he said therethe city. When 4) the number ing them from (5)	
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	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2) asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be vimbolive outside the city." SubQuestion No: 23 Select the most appropriate option to fill in blank number 3. 1. known 2. know 3. knew	; he said therethe city. When 4) the number ing them from (5) isiting their relatives Question ID: 65497843760	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2) asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be vimbolive outside the city." SubQuestion No: 23 Select the most appropriate option to fill in blank number 3. 1. known 2. know 3. knew	; he said therethe city. When 4) the number ing them from (5) isiting their relatives	

	Comprehension:	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	ssage carefully and
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	SubQuestion No : 24	
Q.24	Select the most appropriate option to fill in blank number 4.	
Ans	√ 1. count	
	X 2. judge	
	X 3. consider	
	X 4. calculate	
		Question ID : 65497843761
		Status : Answered
		Chosen Option : 1
	Comprehension:	
	Comprehension: In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	esage carefully and
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Q.25	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2)asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visit cities. If there are fewer, then the crows from our city must be v who live outside the city."	; he said therethe city. When (4) the number ing them from (5)
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	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Birbal immediately smiled and went up to Akbar. He announced the (1) were twenty-one thousand, five hundred and twenty-three crows (2)asked how he (3) the answer, Birbal replied, "Ask your men to of crows. If there are more, then the relatives of the crows must be visitcities. If there are fewer, then the crows from our city must be vivide outside the city." SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. 1. vicinity 2. near 3. close	; he said therethe city. When (4) the number ing them from (5) isiting their relatives