

Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section: General Intelligence and Reasoning

Q.1 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the given equation correct.

88 * 120 * 42 * 240 * 48 * 2

Ans X 1. =, ×, +, ÷, –

X 2. ×, ÷, =, -, +

X 3. +, ÷, −, =, ×

√ 4. =, -, +, ÷, ×

Question ID : 65497842683

Status : Answered

Chosen Option : 4

Q.2 Select the set of classes the relationship among which is best illustrated by the given Venn diagram.



Ans

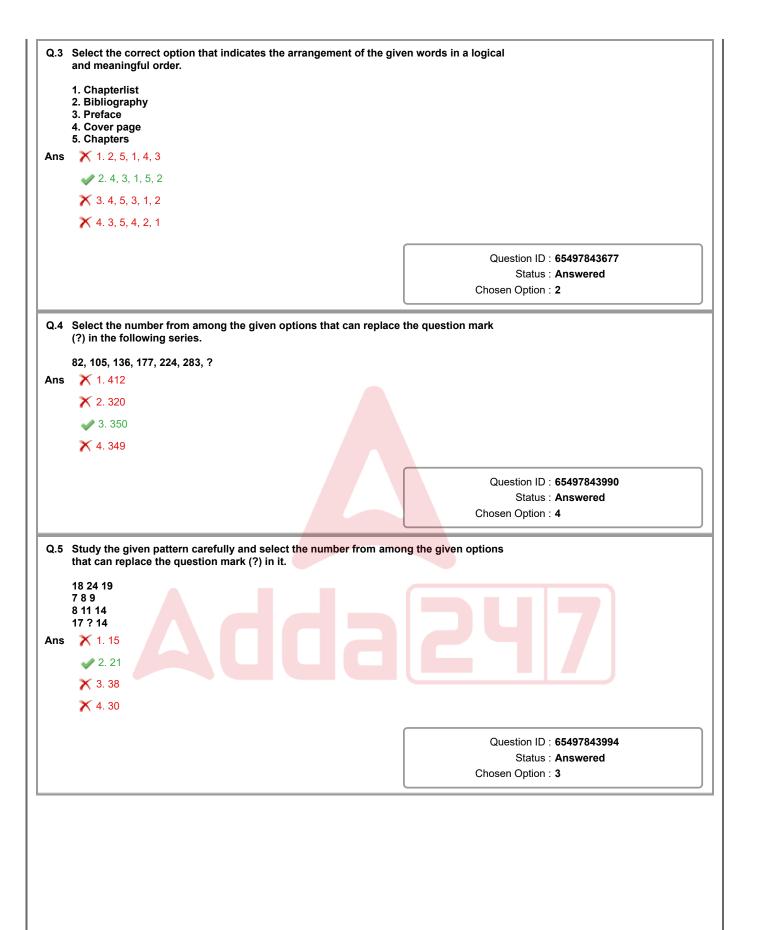
× 1 Potato, Peach, Vegetables

× 2. Natural numbers, Integers, Real numbers

★ 3. Doctors, Singers, Extroverts

Question ID: 65497844407

Status : Answered



Q.6 Which two signs need to be interchanged to make the following equation correct?

 $23 + 84 \div 14 \times 8 - 3 = 5$

Ans X 1. ÷ and -

X 2. + and ×

X 4. - and +

Question ID : 65497842581 Status : Answered

Chosen Option: 3

Q.7 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

FCC, UFH, OIS, LLX, FOC, ?

Ans 💢 1. TRF

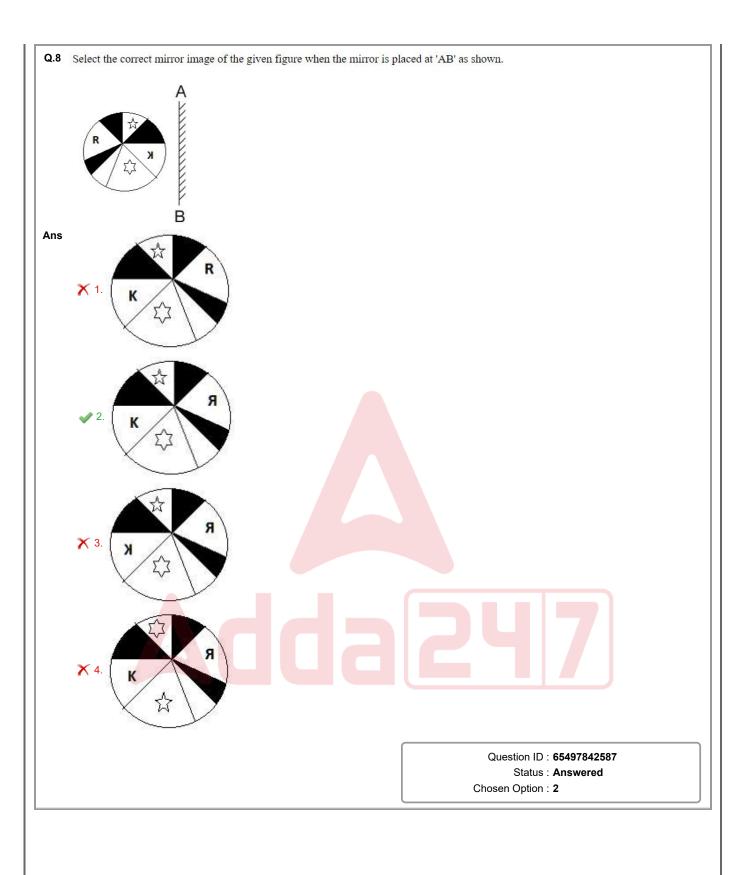
X 2. VSG

X 4. WTH

Question ID: 65497842666

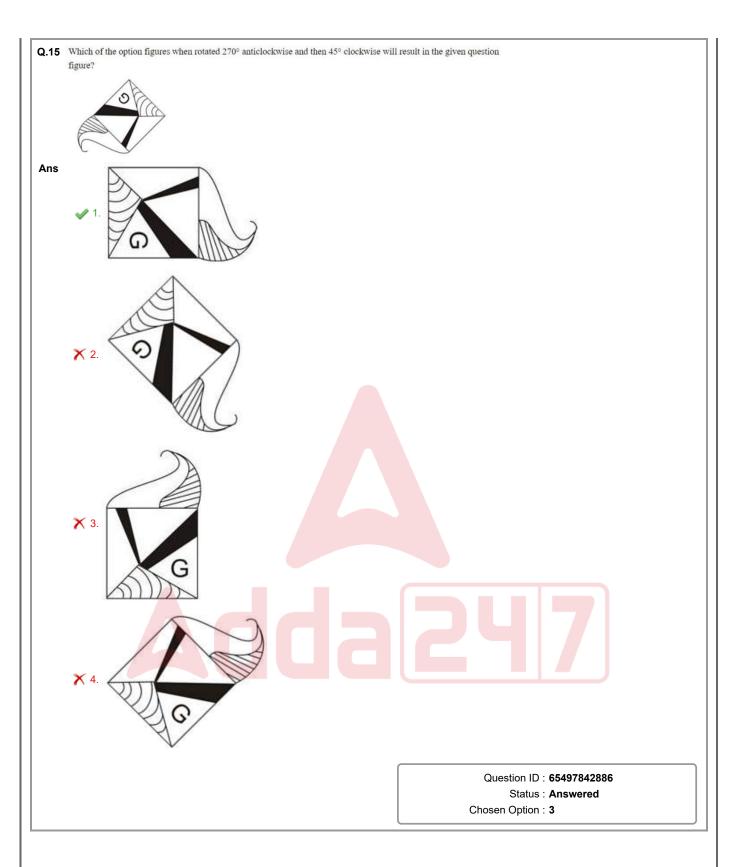
Status : Answered





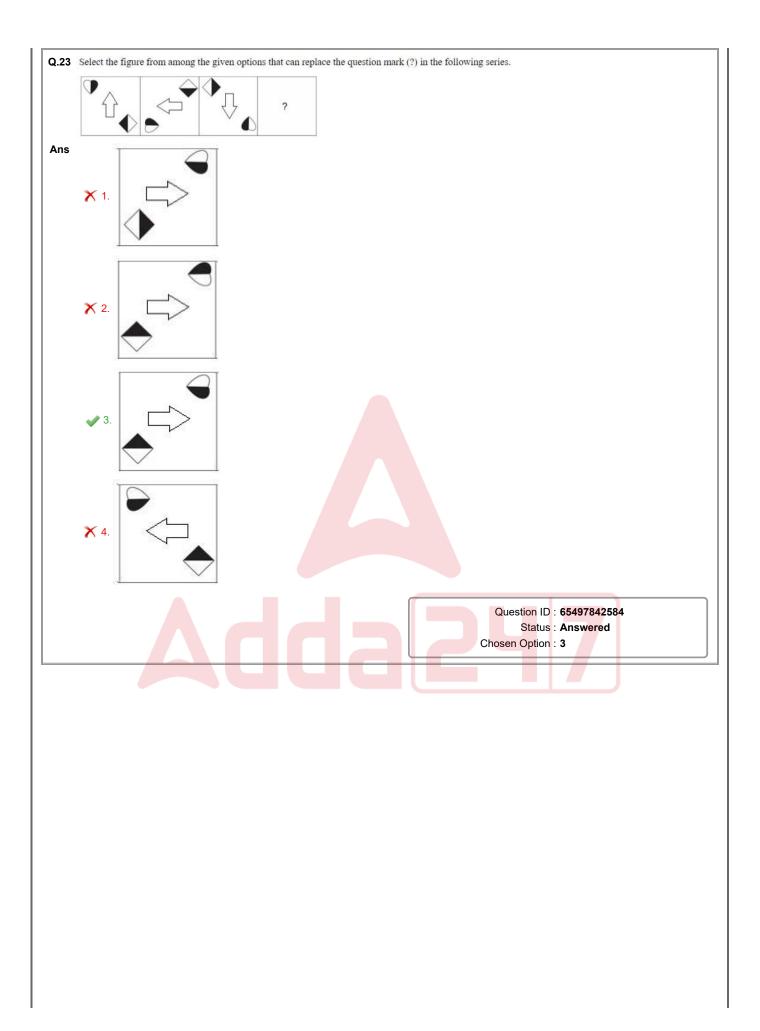
immediate right of Prince. Naitik and Krish are not sitting to the immediate left or right of Vishal. Vishal is sitting third to the left of Prince. Mahima is sitting to the immediate right of Vishal. Who is sitting third to the right of Prince? Ans X 1. Naitik X 2. Krish 3. Ketan 🗙 4. Mahima Question ID: 65497842574 Status: Answered Chosen Option: 2 Q.10 There are seven members, B, C, D, E, F, G and H, in a family. H is the only daughter-inlaw of D. E is the sister of C. C is the only son of F, who is the wife of D. B and G are the sons of H. How is G related to F? 1. Grandson Ans X 2. Brother X 4. Son Question ID: 65497842573 Status: Answered Chosen Option: 3 Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements. Statements: 1. All flowers are blue. 2. All blue are good. 3. No good is red. **Conclusions:** I. No red is a flower. II. No red is a bus. III. Some good are flowers. IV. Some good are blue. X 1. Only conclusions I, III and IV follow 2. Only conclusions I and III follow 3. All conclusions I, II, III and IV follow X 4. Only conclusions I, II and IV follow Question ID: 65497842676 Status: Answered Chosen Option: 1

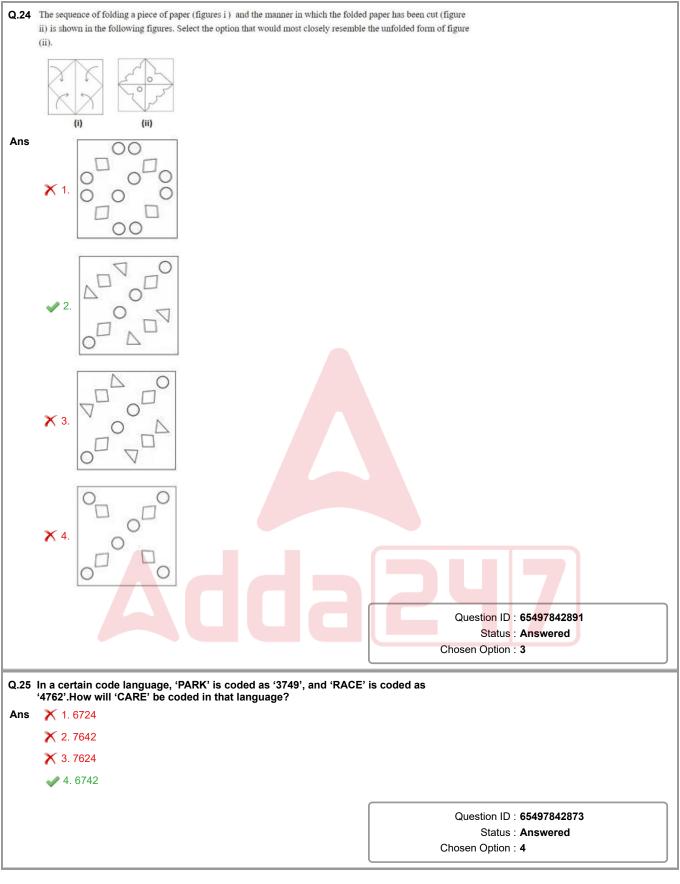
Q.9 Seven friends, Subhi, Prince, Ketan, Vishal, Mahima, Krish and Naitik, are sitting around a circular table with their backs towards the centre. Subhi is sitting to the Q.12 Among five boxes A B C D and E B is thrice as heavy as A. C is 40 kg heavier than E. D is three and a half times as heavy as E and C is five times as heavy as A. The weight of E is 40 kg. Which object is the lightest of all and what is its weight? Ans 💢 1. B 50 kg 2. A 16 kg X 3. B 12 kg 🔀 4. D 125 kg Question ID: 65497844397 Status: Answered Chosen Option: 2 Q.13 Select the option that is embedded in the given figure (X) (rotation is NOT allowed). Ans Question ID: 65497844000 Status: Answered Chosen Option: 2 Q.14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. j_mb_a__u_b_adj_m_b_d Ans X 1. u b m j m b u b a 🗶 2. u b d j m b j b a √ 3. u b d j m b u b a X 4. u b d j m b u m a Question ID: 65497844638 Status: Answered



Q.16	Select the number from among the given options that can replace (?) in the following series.	he question mark
	28, 32, 41, 57, ?	
Ans	★ 1. 68	
	✓ 2. 82	
	★ 3. 74	
	X 4. 90	
		Question ID : 65497842678
		Status : Answered
		Chosen Option: 2
Q.17	Select the option that is related to the third number in the same wa number is related to the first number and the sixth number is related number.	
	3:17::6:?::9:47	
Ans	X 1.34	
	★ 2. 36	
	★ 3. 38	
	✓ 4. 32	
		Question ID : 65497842881 Status : Answered
		Chosen Option : 4
Q.18 Ans	★ 2. xor	done' is written as e written in that
	 ✓ 3. lor ✓ 4. kor 	Question ID : 65497843985 Status : Answered Chosen Option : 3
Q.19	In a certain code language, 'TANKER' is written as 'VCPMGT', how written in that language?	will 'SOCRATES' be
Ans	•	
	★ 2. UQETCWGU	
	✗ 3. UQFTCVHU	
	★ 4. UQGTCVHU	
		Question ID : 65497844635
		Status : Answered
		Chosen Option : 1

Q.20 Select the option that is related to the third term in the same way as the second term is related to the first term. **UPRIGHT: PUVEKTH:: DESTROY:?** Ans ✓ 1. EDWPVYO X 2. EDPXNYO X 3. EDWWUY X 4. DEWPVOY Question ID: 65497844386 Status: Answered Chosen Option: 1 Q.21 A cube of side 80 cm is painted yellow on all the faces and then cut into smaller cubes of sides 8 cm each. Find the number of smaller cubes having all the three faces painted. X 1. 32 Ans X 2. 28 **√** 3. 8 X 4. 64 Question ID: 65497842686 Status: Answered Chosen Option: 4 Q.22 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. Ans X 1. MTAH 2. CJQY X 3. HOVC X 4. DKRY Question ID: 65497843981 Status: Answered Chosen Option: 2





Section: General Awareness

Q.1	In December 2020, became the first country in the world grown chicken products.	to approve sale of lab-
Ans	√ 1. Singapore	
	🗶 2. Taiwan	
	★ 3. Vietnam	
	🗶 4. Japan	
		Over time ID 05407040007
		Question ID : 65497842607 Status : Answered
		Chosen Option : 4
Q.2	Which of the following Amendments of the Constitution of India state to Goa?	gave the status of
Ans		
	✓ 2. 56th Amendment	
	X 3. 59th Amendment	
	★ 4. 48th Amendment	
		Question ID : 65497844026 Status : Answered
		Chosen Option : 1
Q.3	Who among the following female wrestlers won the Ukraine Wre February 2021?	stling Tournament in
Ans	★ 1. Kavita Devi	
	X 2. Sakshi Malik	
	X 3. Babita Kumari	
	✓ 4. Vinesh Phogat	
		Question ID : 65497844432
		Status : Answered
		Chosen Option : 4
0.4	What is the emigration of a significant proportion of a country's	highly skilled highly
Q. 4	educated professional population to other countries offering bet social opportunities called?	tter ec <mark>onomic and</mark>
Ans	★ 1. Carrying capacity	
	✓ 2. Brain drain	
	★ 3. Demographic transition	
	★ 4. Closed population	
		Question ID : 65497842601
		Status : Answered
		Chosen Option : 2

Q.5	Which of the following laws deduces the expression for the force be stationary point charges in vacuum or free space?	petween two
Ans	★ 1. Lenz's Law	
	✓ 2. Coulomb's Law	
	X 3. Gauss' Law	
	★ 4. Ohm's Law	
		Question ID : 65497844416
		Status : Answered Chosen Option : 2
Q.6	What is the repo rate given by the Reserve Bank of India's (RBI) Me Committee (MPC) as on 7 April 2021?	onetary Policy
Ans	★ 1.2%	
	✓ 2. 4%	
	★ 3.3%	
	★ 4.5%	
		Question ID : 65497842895
		Status : Answered
		Chosen Option : 2
Q.7	From which of the following English words is the name 'Bhangra' context of Bhangra Dance?	derived in the
Ans	X 1. Hemp	
	✓ 2. Rhythm	
	★ 3. Style	
	★ 4. Movement	
		Question ID : 65497844004 Status : Answered
		Chosen Option : 1
	$-\Lambda$ nna	
	Which of the following dwarf planets lies in the main asteroid belt?	
Ans	X 1. ErisX 2. Makemake	
	3. Ceres	
	X 4. Haumea	
		Question ID : 65497844010
		Status : Answered
		Chosen Option : 3

Ans X 1. Bioclimatology X 2. Historical- climatology X 3. Geo climatology ✓ 4. Dendroclimatology	Question ID : 65497842706 Status : Answered
 X 2. Historical- climatology X 3. Geo climatology ✓ 4. Dendroclimatology Q.10 Which of the following revolation and the following revolation of the following revolation and the following revolution and the following revolution and the following revolution and the following revolution and the following revoluti	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Q.10 Which of the following revolution Alipore Bomb Conspiracy Con	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Q.10 Which of the following revolution Alipore Bomb Conspiracy Con	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Q.10 Which of the following revol Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	Status : Answered Chosen Option : 4 utionaries was arrested by the British as an accused in the ase? Question ID : 65497842706 Status : Answered
Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	utionaries was arrested by the British as an accused in the ase? Question ID: 65497842706 Status: Answered
Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	Question ID : 65497842706 Status : Answered
Alipore Bomb Conspiracy C Ans 1. Kanailal Dutta 2. Rajendra Lahiri 3. Roshan Singh	Question ID : 65497842706 Status : Answered
2. Rajendra Lahiri3. Roshan Singh	Status : Answered
✗ 3. Roshan Singh	Status : Answered
	Status : Answered
🗙 4. Ashfaq Ullah Khan	Status : Answered
	Status : Answered
	Status : Answered
	Chosen Option : 1
	Onoscii Option : 1
Q.11 What was the first name of t	he Mughal Emperor Babu <mark>r?</mark>
Ans X 1. Hasanuddin	
🗙 2. Giasuddin	
3. Zahiruddin	
X 4. Qaseemuddin	
	Question ID : 65497844018
	Status : Answered Chosen Option : 3
Q.12 As of April 2021, who among qualified for the Tokyo Olym	the following is the only Indian long jumper to have pics 2021?
Ans X 1. Virsa Singh	
× 2. TC Yohannan	
3. Sreeshankar Murali	
🔀 4. Sanjay Kumar Rai	
	Question ID : 65497842714
	Status: Answered
	Chosen Option : 3

Q.13	n which year had India's ratio of public debt to GDP gone up to a record 84.2%?
Ans	★ 1. 1991
	★ 2. 1999
	√ 3. 2003
	★ 4. 2001
	Question ID : 65497842594 Status : Answered
	Chosen Option: 2
_	
	Who among the following is the author of the novel 'Q and A'?
Ans	X 1. Muchkund Dubey
	X 2. MK Rasgotra
	★ 3. JN Dixit
	✓ 4. Vikas Swarup
	Question ID : 65497842911
	Status : Answered
	Chosen Option : 4
0.45	We are sent to fellowing because the first below to what the West DestWorld William
Q.15 Ans	Who among the following became the first Indian to win the Miss Deaf World title? ★ 1. Raghavi Shankar
7113	✓ 2. Vidisha Baliyan
	➤ 3. Arunima Sinha
	X 4. Preethi Srinivasan
	Question ID : 65497844427
	Status : Answered
	Chosen Option : 4
Q 16	An amendment to the Hindu Succession Act, 1956 was passed in the year
Ans	★ 1. 2012
	√ 2. 2005
	★ 3. 2010
	★ 4. 2008
	Question ID : 65497842611
	Status : Answered Chosen Option : 2
	Chosen Option . 2
Q.17	Which of the following elements is NOT suitable for the fabrication of a light emitting
A	liode structure?
Ans	X 1. Gallium phosphide
	X 2. Indium gallium nitride
	3. Germanium
	X 4. Gallium arsenide
	Question ID : 65497844418
	Status : Answered
	Chosen Option: 3

Q.18	As per the Economic Survey, 2020, how many banks of India are top global 100?	there in the list of the	
Ans	X 1. None		
	✓ 2. One		
	★ 3. Three		
	★ 4. Two		
			: 65497844411
		Status Chosen Option	: Answered · 3
		Shooth Spain	· •
Q.19	What was the age in years of the revolutionary Bhagat Singh wh death?	en he was hanged till	
Ans	★ 1. 20		
	✓ 2. 23		
	✗ 3. 30		
	★ 4. 26		
		Question ID	: 65497842909
		Status	· Answered
Q.20	Which of the following Sustainable Development Goals (SDG) se restore and promote sustainable use of terrestrial ecosystems, se forests, combat desertification, and halt and reverse land degrade biodiversity loss?	Chosen Option eeks to 'Protect, sustainably manage	: Answered : 2
	restore and promote sustainable use of terrestrial ecosystems, s forests, combat desertification, and halt and reverse land degrad biodiversity loss'? 1. SDG12	Chosen Option eeks to 'Protect, sustainably manage	
	restore and promote sustainable use of terrestrial ecosystems, s forests, combat desertification, and halt and reverse land degrad biodiversity loss'? 1. SDG12 2. SDG 7	Chosen Option eeks to 'Protect, sustainably manage	
	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degrade biodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17	Chosen Option eeks to 'Protect, sustainably manage	
	restore and promote sustainable use of terrestrial ecosystems, s forests, combat desertification, and halt and reverse land degrad biodiversity loss'? 1. SDG12 2. SDG 7	Chosen Option eeks to 'Protect, sustainably manage	
	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degrade biodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17	chosen Option eeks to 'Protect, sustainably manage dation and halt	
	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degrade biodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degrade biodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degradic biodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, storests, combat desertification, and halt and reverse land degradiodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degradiodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15 Which of the following is a characteristic of permanent tissue?	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, sometimes forests, combat desertification, and halt and reverse land degrad biodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17 **\times 4. SDG 15 ** Which of the following is a characteristic of permanent tissue? **\times 1. Cells divide repeatedly	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, storests, combat desertification, and halt and reverse land degradiodiversity loss'? **\times 1. SDG12 **\times 2. SDG 7 **\times 3. SDG 17 **\times 4. SDG 15 ** Which of the following is a characteristic of permanent tissue? **\times 1. Cells divide repeatedly **\times 2. Inorganic inclusions are absent	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Ans	restore and promote sustainable use of terrestrial ecosystems, storests, combat desertification, and halt and reverse land degradiodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15 Which of the following is a characteristic of permanent tissue? X 1. Cells divide repeatedly X 2. Inorganic inclusions are absent 3. Intercellular spaces are present	Chosen Option eks to 'Protect, sustainably manage dation and halt Question ID Status	: 65497842900 : Answered
Q.20 Ans	restore and promote sustainable use of terrestrial ecosystems, storests, combat desertification, and halt and reverse land degradiodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15 Which of the following is a characteristic of permanent tissue? X 1. Cells divide repeatedly X 2. Inorganic inclusions are absent 3. Intercellular spaces are present	Chosen Option Peks to 'Protect, sustainably manage dation and halt Question ID Status Chosen Option Question ID	: 65497842900 : Answered : 1
Ans	restore and promote sustainable use of terrestrial ecosystems, storests, combat desertification, and halt and reverse land degradiodiversity loss'? X 1. SDG12 X 2. SDG 7 X 3. SDG 17 4. SDG 15 Which of the following is a characteristic of permanent tissue? X 1. Cells divide repeatedly X 2. Inorganic inclusions are absent 3. Intercellular spaces are present	Chosen Option Peks to 'Protect, sustainably manage dation and halt Question ID Status Chosen Option Question ID	: 65497842900 : Answered : 1

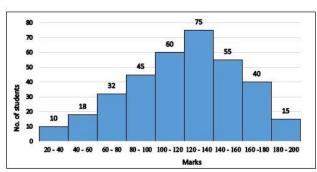
Q.22	2 In which of the following years was an Act to provide for the reorga states of India and for matters connected therewith enacted?	nisation of the
Ans	1. 1947	
	✓ 2. 1956	
	★ 3. 1959	
	X 4. 1962	
		Question ID : 65497842913 Status : Answered
		Chosen Option : 2
Q.23	3 Which of the following statements is/are correct?	
	I- Karnataka is the largest producer of coffee in India. II- Arabica is a variety of coffee. III- The Arabica variety initially brought from Mexico is produced in	India.
Ans		
	★ 2. Only II and III	
	★ 3. Only III	
	✓ 4. Only I and II	
		2
		Question ID : 65497844017 Status : Answered
		Chosen Option : 4
Q.24 Ans	4 In which city of Gujarat will you find the Uparkot Buddhist Caves? 1. Bhavnagar	
	X 2. Vadodara	
	✓ 3. Junagadh	
	★ 4. Anand	
		Question ID : 65497842692
		Status : Answered Chosen Option : 3
Q.25	5 Camellia sinensis is a plant that produces	
Ans	*	
	X 2. coffee	
	X 3. jute	
	★ 4. sugarcane	
	ſ	Question ID : 65497842703
		Status : Answered
		Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The given histogram represents the marks of students in Mathematics test of a certain class.

The total number of students is 350 and the maximum marks of the test are 200.

Study the graph and answer the question that follows.



What is the class average (correct up to one place of decimal) of mathematics test?

Ans

- √ 1. 119.3
- X 2. 123.7
- X 3. 115.8
- X 4. 127.3

Question ID: 65497844053

Status: Not Answered

Chosen Option: --

Q.2 In a quadrilateral ABCD, the bisectors of $\angle C$ and $\angle D$ meet at point E. If $\angle CED = 57^{\circ}$ and $\angle A = 47^{\circ}$, then the measure of $\angle B$ is:

- Ans X 1. 47°
 - ✓ 2. 67°
 - X 3. 77°
 - × 4. 57°

Question ID: 65497842731 Status : Answered Chosen Option: 2

The value of $40 \div 5$ of $2 \times [18 \div 6 \times (12 - 9) \text{ of } 5 - (3 - 8)] \div 25$ is:

Ans

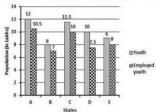
- X 1. 5
- X 2. 7
- √ 3. 8
- X 4. 4

Question ID: 65497844435 Status: Answered

Q.4 A can complete 25% of a work in 15 days. He works for 15 days and then B alone finishes the remaining work in 30 days. In how many days will A and B working together finish 50% of the same work? Ans X 1. 24 X 2. 20 **√** 3. 12 X 4. 25 Question ID: 65497842624 Status: Answered Chosen Option: 3 Q.5 A and B start a business. A invests $33\frac{1}{3}\%$ of the total capital and B invests the remaining. If the total profit at the end of the year is ₹1,62,000, then B's share (in ₹) is: Ans 1. 1,08,000 × 2. 1,12,000 × 3. 1,20,000 × 4. 54,000 Question ID: 65497842925 Status: Answered Chosen Option: 1 Q.6 A shopkeeper marks his goods at a price 20% higher than their cost price and allows 10% discount on every item. Find his gain percentage. Ans X 1. 10% × 2. 10.5% X 3. 9% √ 4. 8% Question ID: 65497843528 Status : Answered Chosen Option: 4

Q.7 The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

In which state(s) is the number of youth more than the average number of youth in the five states?



Ans

X 1. A

✓ 2. A, C

× 3. A, C, D, E

X 4. A, C, D

Question ID : 65497843545 Status : Not Answered

Chosen Option: --

Q.8 Six bells begin to toll together and toll, respectively, at intervals of 3, 4, 6, 7, 8 and 12 seconds. After how many seconds, will they toll together again?

Ans

X 1. 167

√ 2. 168

X 3. 176

X 4. 186

Question ID : 65497844434 Status : Answered

Chosen Option : 2

Q.9 The angle of elevation of the top of a tall building from the points M and N at the distances of 72 m and 128 m, respectively, from the base of the building and in the same straight line with it, are complementary. The height of the building (in m) is:

Ans

X 1. 84

√ 2. 96

X 3. 80

X 4. 90

Question ID : 65497844453

Status : Answered

Q.10 The simple interest on a certain sum is one-eighth of the sum when the number of years is equal to half of the rate percentage per annum. Find the simple interest (in ₹) on ₹15,000 at the same rate of simple interest for 8 years.

Ans X 1. 5,800

X 2. 5,000

3 6,000

X 4. 5,250

Question ID : 65497844037 Status : Answered

Chosen Option : 4

Q.11 What is the average of all the prime numbers between 70 and 90?

Ans X 1. 80

X 2. 78.66

√ 3. 79

X 4. 81.6

Question ID : **65497844655**

Status : **Answered**

Chosen Option: 3

Q.12 In $\triangle ABC$, $\angle A = 88^{\circ}$. If I is the incentre of the triangle, then the measure of $\angle BIC$ is:

Ans X 1. 112°

√ 2. 134°

X 3. 56°

× 4. 68°

Question ID : 65497842632

Status : Answered Chosen Option : 2

Q.13 If $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$ then the value of (a + b - 7c) is:

Ans 🧼 1. 4

X 2. 3

X 3. 2

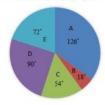
X 4. 1

Question ID: 65497842931

Status : Answered

Q.14 The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart.

Total number of employees = 2400.



In which office is the number of employees 600?

Question ID: 65497844455

Status: Answered

Chosen Option: 4

Q.15

The value of
$$1 + \sqrt{\frac{\cot \theta + \cos \theta}{\cot \theta - \cos \theta}}$$
, if $0^{\circ} < \theta < 90^{\circ}$, is equal to:

Ans
$$\times$$
 1. $1 - \sec \theta + \tan \theta$

$$\times$$
 2. 1 – sec θ – tan θ

$$\times$$
 3. 1 + sec θ - tan θ

$$\checkmark$$
 4. 1 + sec θ + tan θ

Question ID: 65497842936

Status: Answered

Chosen Option: 4

Q.16 If the volume of a sphere is equal to that of a cylinder having the same radius, then find the ratio of the radius to the height of the cylinder.

Question ID: 65497844653

Status: Answered

Q.17

The value of $\left(\frac{1-cot\theta}{1-tan\theta}\right)^2-1$ when $0^\circ<\theta<90^\circ$, is equal to:

- Ans \times 1. $\cos^2 1$
 - \times 2. $sec^2\theta + 1$
 - \checkmark 3. $\cot^2\theta 1$
 - \times 4. $sin^2\theta 1$

Question ID: 65497842634

Status: Answered

Chosen Option: 2

Q.18 Sides AB and AC of ∆ ABC are produced to points D and E, respectively. The bisectors of ∠ CBD and ∠ BCE meet at P. If \angle A = 78 $^{\circ}$, then the measure of \angle P is:

Ans

- √ 1. 51°
- X 2. 61°
- X 3. 55°
- X 4. 56°

Question ID: 65497842934

Status: Answered

Chosen Option: 2

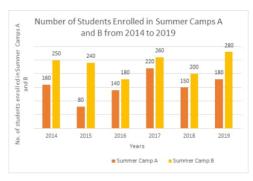
Q.19 A and B started their journeys from X to Y and Y to X, respectively. After crossing each other, A and B completed remaining parts of their journeys in $6\frac{1}{8}$ hours and 8 hours, respectively. If the speed of A is 32 km/h, then the speed, in km/h, of B is:

- Ans X 1. 21
 - **√** 2. 28
 - X 3. 30
 - X 4. 25

Question ID: 65497842928

Status : Answered

Q.20 The following bar chart shows the number of students enrolled in two Summer Camps A and B from 2014 to 2019. Study the chart carefully and answer the question that follows.



The number of students enrolled in Camp A in 2016 and 2019 together is what percentage of the number of students enrolled in Camp B in 2015 and 2017 together?

Ans

- √ 1. 64%
- × 2. 75%
- X 3. 60%
- × 4. 80%

Question ID: 65497843141 Status: Answered

Chosen Option: 3

Q.21 A cyclic quadrilateral ABCD is drawn in a circle with centre O. A and C are joined to O. If ∠ ABC = 2p and $\angle ADC = 3p$, what is the measure (in degrees) of the $\angle AOC$ reflex?

- Ans X 1. 200
 - X 2. 245
 - X 3. 210
 - √ 4. 216

Question ID: 65497844043

Status: Answered Chosen Option: 4

Q.22 If 8A5146B is divisible by 88, then what is the value of B - A?

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

Question ID: 65497842716

Status: Answered

Q.23 If a + b + c = 6, $a^2 + b^2 + c^2 = 32$, and $a^3 + b^3 + c^3 = 189$, then the value of abc - 3 is: Ans X 1. 2 X 2. 3 X 3. 1 **4.** 0 Question ID: 65497842627 Status: Answered Chosen Option: 4 Q.24 The cost prices of two articles A and B are in the ratio 4:5. While selling these articles, the shopkeeper gains 10% on article A and 20% on article B and the difference in their selling prices is ₹480. The difference in the cost price (in ₹) of articles B and A is: Ans X 1. 250 √ 2. 300 X 3. 400 X 4. 350 Question ID: 65497842621 Status: Answered

Chosen Option: 2

Q.25 11 of a number A is 22% of a number B. The number B is equal to 2.5% of a third number C. If the value of C is 5500, then the sum of 80% of A and 40% of B is:

- Ans × 1. 88
 - X 2. 75
 - X 3. 48
 - **4.** 66

Question ID: 65497842721 Status : Answered Chosen Option: 4

Section: English Comprehension

Q.1 Select the most appropriate option to fill in the blank.

Are you looking forward _____ Nikhil again?

Ans X 1. seeing

X 2. to see

X 3. to be seeing

4. to seeing

Question ID: 65497842665 Status: Answered

Q.2 Select the option that can be used as a one-word substitute for the given group of A fictional being from another world X 1. Stranger X 2. Native 3. Alien X 4. Foreigner Question ID: 65497842965 Status: Answered Chosen Option: 3 Q.3 Select the option that can be used as a one-word substitute for the given group of Showing great attention to detail and correct behaviour X 1. Punctual Ans X 2. Zealous 3. Punctilious X 4. Disciplined Question ID: 65497842663 Status: Answered Chosen Option: 3 Q.4 Select the option that expresses the given sentence in passive voice. He opened the door for his mother. 1. The door was opened by him for his mother. Ans X 2. The door was open by him for his mother. 3. The door had been opened by him for his mother. 4. The door is opened by him for his mother. Question ID: 65497844462 Status: Answered Chosen Option: 1 Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. The interest rates offered depends on the bank, deposit amount and the tenure you choose. B. It not only helps you to save money but also helps you to earn a substantial interest on it. C. One of the best ways to secure your money is by investing in fixed deposits. D. Under the fixed deposit scheme, the depositor deposits the money only once at the time of opening the account. Ans 1. CDBA X 2. ADCB X 3. ACBD X 4. CABD Question ID: 65497844473 Status: Answered Chosen Option: 1

Q.6 Select the most appropriate meaning of the given idiom.	
On the wane	
Ans X 1. On the way	
X 2. On the top	
✓ 3. On the decline	
X 4. On the rise	
Question ID : 65497844075 Status : Answered	
Chosen Option: 3	
Q.7 Select the most appropriate ANTONYM of the given word.	
Prey	
Ans 1. Predator	
★ 2. Sufferer	
X 3. Loot	
★ 4. Game	
Question ID : 65497842759	
Status : Answered	
Chosen Option: 1	
O.C. Collect the INCORPECTLY exelt word	
Q.8 Select the INCORRECTLY spelt word. Ans 1. Whitan	
X 2. Enlighten	
X 3. Hasten	
★ 4. Brighten	
7. Digiter	
Question ID : 65497842967	
Status : Answered	
Chosen Option: 1	
Q.9 Select the most appropriate meaning of the given idiom.	
A long shot	
Ans X 1. A correct prediction	
X 2. A perfect aim	
X 3. Very profitable	
✓ 4. Little chance of success	
Question ID : 65497842761	
Status : Answered	
Chosen Option : 2	

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. This is / too grave sin / to be / pardoned. X 1. pardoned 2. too grave sin X 3. This is X 4. to be Question ID: 65497842945 Status: Answered Chosen Option: 1 Q.11 Select the correct active voice of the given sentence. The poems of great English poets are being translated into other languages. Ans X 1. They were translating the poems of great English poets into other languages. 2. They are translating the poems of great English poets into other languages. X 3. They have translated the poems of great English poets into other languages. 4. They translated the poems of great English poets into other languages. Question ID: 65497842948 Status: Answered Chosen Option: 2 Q.12 The following sentence has been divided into parts. One of them may contain a grammatical 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. Antique diamond necklace / was stolen / from the museum. Ans X 1. was stolen X 2. from the museum 3. Antique diamond necklace X 4. No error Question ID: 65497842338 Status : Answered Chosen Option: 4 Q.13 Select the most appropriate synonym of the given word. **FLUKE** Ans X 1. Policy X 2. Plan 3. Chance X 4. Contract Question ID: 65497844474 Status: Answered Chosen Option: 1

Q.14 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'. The investigation revealed that both of they had given false information to obtain the certificates. X 1. No substitution required Ans X 2. reveal that them both X 3. reveals that how they both 4. revealed that both of them Question ID: 65497844472 Status: Answered Chosen Option: 4 Q.15 Select the option that expresses the given sentence in reported speech. She said, "It is too good to be true." Ans X 1. She said it were too good to be true. 2. She said that it was too good to be true. X 3. She is saying that it is too good to be true. 4. She says that it is too good to be true. Question ID: 65497844066 Status: Answered Chosen Option: 2 Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. She persisted / to doing / what she wanted / despite opposition. Ans 1. to doing 2. what she wanted X 3. She persisted X 4. despite opposition Question ID: 65497844057 Status : Answered Chosen Option: 1 Q.17 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 unseasonal rain/ caused a lot of damage/ to the crops. X 1. The unseasonal rain X 2. to the crops 3. No error 4. caused a lot of damage Question ID: 65497843449 Status: Answered

Compulsory wrbitrary Elective ne option that will improve the underlined part overment is needed, select 'No improvement reco	Question ID: 65497844073 Status: Answered Chosen Option: 2
Compulsory Arbitrary Elective The option that will improve the underlined part of the content	Status : Answered Chosen Option : 2
rbitrary Elective ne option that will improve the underlined part	Status : Answered Chosen Option : 2
e option that will improve the underlined part	Status : Answered Chosen Option : 2
ne option that will improve the underlined part	Status : Answered Chosen Option : 2
	Status : Answered Chosen Option : 2
	Chosen Option : 2
	of the given sentence. In case
an wandaring at taking akating as a babby	
een wondering <u>at taking</u> skating as a hobby. In taking to	
io improvement required	
	Question ID : 65497842754
	Status : Answered
	Chosen Option : 3
ne most appropriate synonym of the given word	d.
ble	
ncredible	
ndelible	
nevitable	
nexplicable	
	Question ID : 65497842960 Status : Answered
	n taking to about taking up to take up lo improvement required the most appropriate synonym of the given word ble incredible indelible inevitable

	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.		
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning (3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university.		
	SubQuestion No : 21		
Q.21	Select the most appropriate option to fill in blank no. 1.		
Ans	√ 1. early		
	★ 2. ignorant		
	★ 3. infant		
	★ 4. young		
	Question ID : 65497842647		
	Status : Answered Chosen Option : 1		
	Chosen Option . 1		
	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.		
	Marie was born in 1867 in Warsaw, Poland. At an (1)age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning		
	(3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a		
	higher education, she joined a French university.		
	SubQuestion No : 22		
Q.22	Q.22 Select the most appropriate option to fill in blank no. 2.		
Ans	X 1. bruised		
	✓ 2. blithe		
	X 3. brutal		
	X 4. bloated ✓ 4. bloated		
	Question ID : 65497842648 Status : Answered		
	Chosen Option: 2		
	2.1.2.2.1.2 p.1.1.2		

	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.	
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning (3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university.	
	SubQuestion No : 23	
Q.23	Q.23 Select the most appropriate option to fill in blank no. 3.	
Ans	√ 1. prompted	
	★ 2. promised	
	★ 3. proposed	
	★ 4. projected	
	Question ID : 65497842649 Status : Answered	
	Chosen Option: 1	
	Comprehension:	
In the following passage, some words have been deleted. Rea <mark>d the</mark> passage carefully and select the most appropriate option to fill in each blank.		
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning	
	(3) her to study further. However, she became (4) when she	
	learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university.	
	SubQuestion No : 24	
Q.24	Q.24 Select the most appropriate option to fill in bla <mark>nk no. 4.</mark>	
Ans	X 1. distinguished	
	X 2. dishevelled	
	✓ 3. disgruntled	
	★ 4. disfigured	
	Question ID : 65497842650	
	Status : Answered	
	Chosen Option : 3	

X 4. by

Question ID: 65497842651 Status: Answered

