Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section:	General	Intelligence	and	Reasoning
Occion.	General	mitemgence	anu	reasoning

Q.1	In a certain code language, 3224 means 'Taj is in Agra', and 4245 means 'Agra is near
	Delhi' Which of the following is the code for 'I like all fruits'?

Ans

X 1. 2534

X 2. 2425

X 3. 1526

4. 1436

Question ID: 65497841965 Status: Not Answered

Chosen Option : --

Q.2 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

Ans

X 4. ×,+,÷,−, =

Question ID: 65497844299 Status: Answered

Chosen Option: 1

Q.3 The ratio of the present ages of Charvi and Vaishnavi is 4:5. Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi. Find the present age of Vaishnavi.

Ans 1. 35 years

X 2. 28 years

X 3. 25 years

X 4. 42 years

Question ID: 65497844094 Status: Answered

Q.4	Select the number from among the given options that can replace (?) in the following series.	the question mark
	39, 53, 69, 87, ?	
Ans	X 1.99	
	X 3.92	
	X 4. 115	
		Question ID : 65497841970
		Status : Answered Chosen Option : 2
		Sileson Spacific
Q.5	Three different positions of the same non-standard dice are shown. Which letter will be on	the face opposite to the face
	with the letter 'Q'?	
Ans	X 1. S	
	X 2. P	
	⊘ 3. ∐	
	X 4. R	
		Question ID: 65497844302 Status: Answered
		Chosen Option : 3
Q.6	Four letter-clusters have been given, out of which three are alike in one is different. Select the letter-cluster that is different.	some manner and
Ans	X 1. WTR	
	※ 3. MJH	
	★ 4. SPN	
		Question ID: 65497841961 Status: Answered
		Chosen Option : 2
Q.7	Select the option that is related to the third number in the same wanumber is related to the first number.	y as the second
	28:729::32:?	
Ans		
	× 2. 973	
	X 3. 824	
	× 4.738	
		Question ID: 65497842578 Status: Answered
		Status : Answered Chosen Option : 1
		·

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

$$\mathsf{K}_{-}\mathsf{N}\mathsf{L}_{-}\mathsf{N}\mathsf{K}_{-}\mathsf{N}_{-}\mathsf{L}\mathsf{N}\mathsf{K}_{-}\mathsf{M}_{-}\mathsf{L}\mathsf{M}_{-}$$

 $\textbf{Ans} \hspace{0.5cm} \mathscr{J} \hspace{0.1cm} \textbf{1.} \hspace{0.1cm} \textbf{L,} \hspace{0.1cm} \textbf{M,} \hspace{0.1cm} \textbf{M,} \hspace{0.1cm} \textbf{M,} \hspace{0.1cm} \textbf{K,} \hspace{0.1cm} \textbf{L,} \hspace{0.1cm} \textbf{K,} \hspace{0.1cm} \textbf{N} \\$

X 2. L, M, M, K, K, L, N, N

X 3. M, M, L, K, K, L, K, N

★ 4. L, M, M, K, K, M, K, N

Question ID: 65497844617 Status: Answered

Chosen Option: 1

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

795 38?

28 81 50

Ans √ 1. 9

X 2.5

X 3.7

X 4.8

Question ID: 65497841974

Status: Answered

Chosen Option: 1

Q.10 If GATE is coded as QKDO, then PLAN will be coded as:

Ans X 1. VFXK

X 2. FVKX

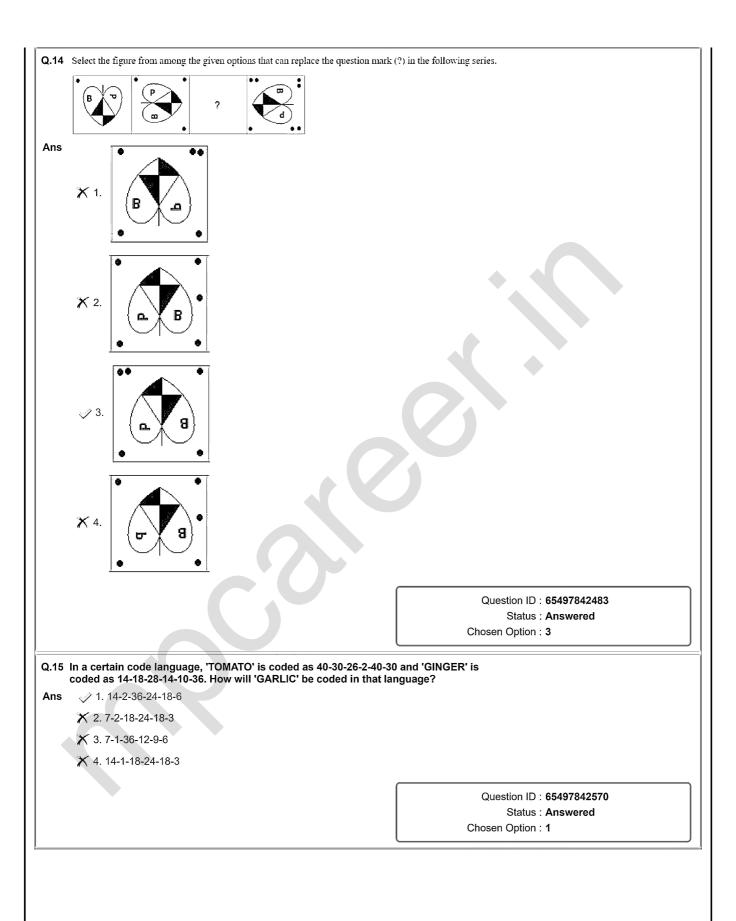
X 3. ZVXK

√ 4. ZVKX

Question ID: 65497844614

Status : Answered

Q.11 उस देन आरेख का चयन करें जो निम्नलिखित वर्गों के बीच के संबंध को सर्वोत्तम रूप से दर्शाता है। भाई, भतीजे, चाचा Ans Question ID: 65497844104 Status: Answered Chosen Option: 2 Q.12 Select the letter-cluster that can replace the question mark (?) in the following series. GHB, LMG, PQK, ? Ans 🧳 1. STN 🗶 2. TSM **★** 3. PQE **✗** 4. ABX Question ID: 65497844282 Status: Answered Chosen Option: 1 Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term. DOGMATIC: EQHOBVJD:: PRODUCTS:? 1. RTQEWDVU Ans X 2. RTSEWDSQ X 3. RTQFXDVU X 4. RTQEWDWV Question ID: 65497844083 Status: Answered Chosen Option : 1

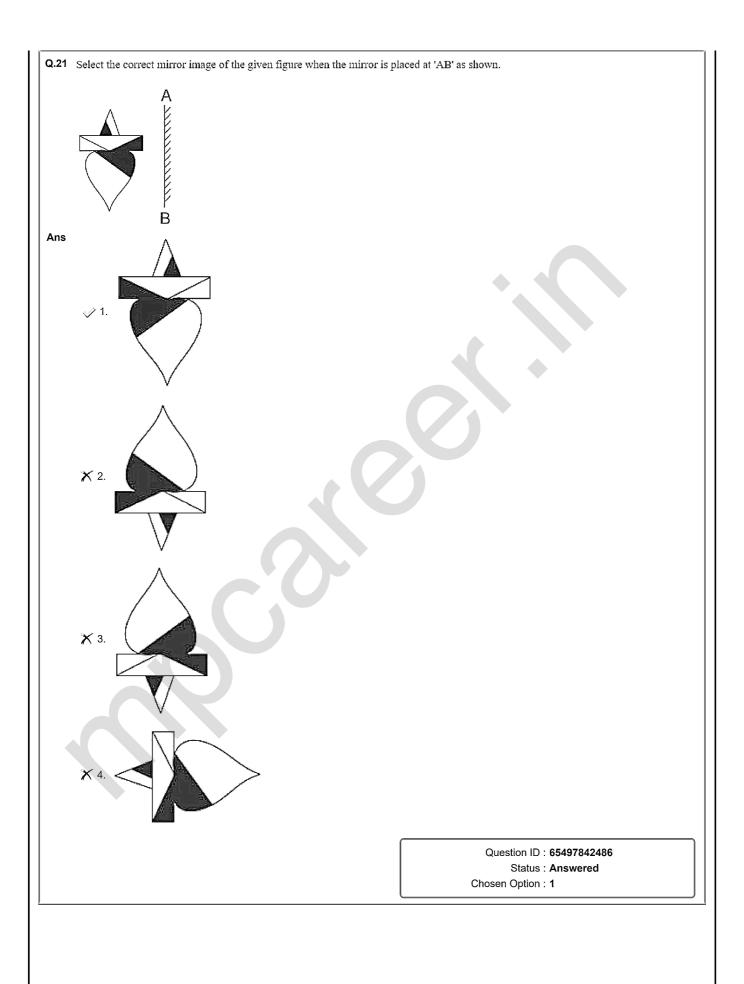


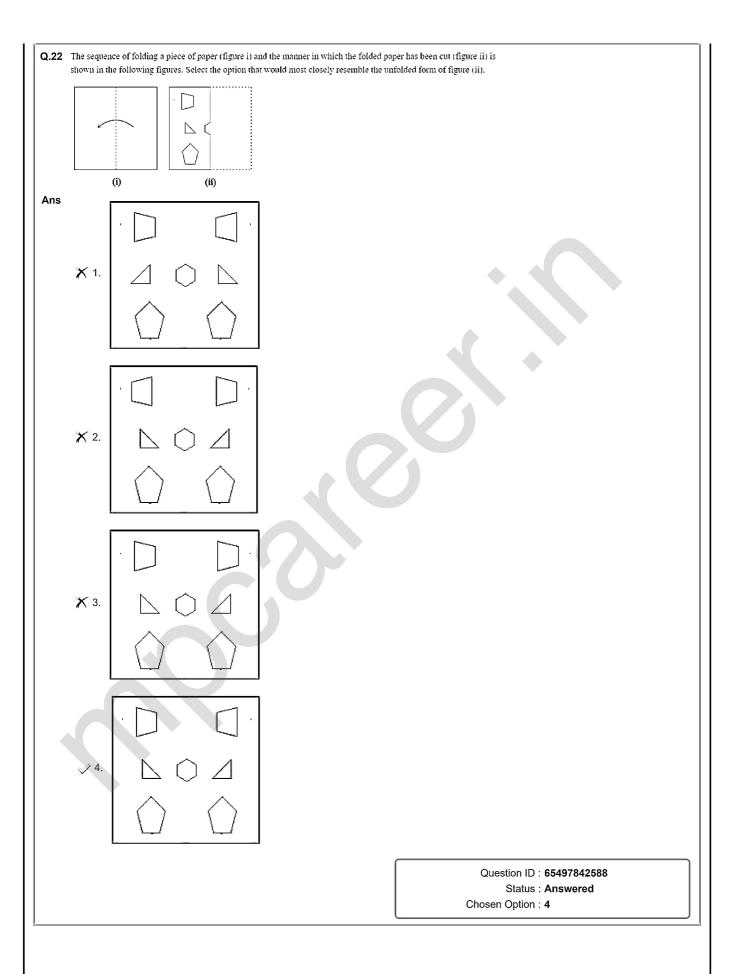
$15 + 90 \div 9 \times 5 - 11 = 28$ **Ans** X 1. 11 and 9 2. 15 and 9 X 3. 15 and 5 X 4. 9 and 5 Question ID: 65497842480 Status: Answered Chosen Option: 2 Q.17 Select the option in which the given figure is embedded (rotation is NOT allowed). Ans **X** 2. **X** 3. Question ID: 65497841980 Status: Answered Chosen Option: 1

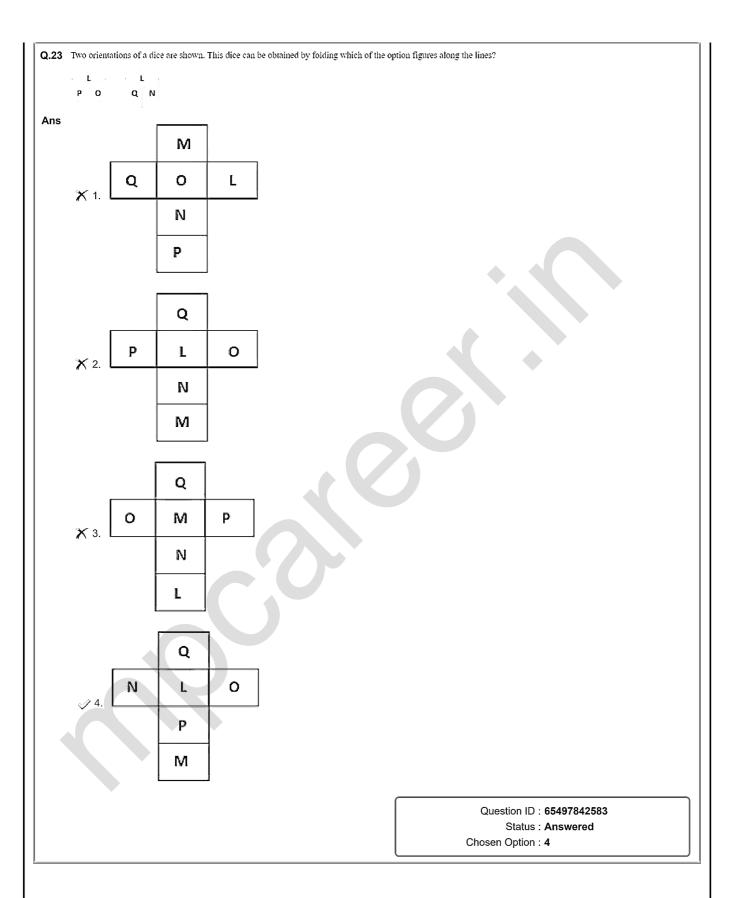
Q.16 Which two numbers (Not Digits) need to be interchanged to make the following

equation correct?

Q.18 एक मेहमान को कौमुदी का परिचय कराते हुए एक लड़के मिहिर ने कहा, "वह मेरी माँ के देवर की इकलौती बेटी है"। मिहिर का कौमुदी से क्या संबंध है? 🗶 १. पिता Ans 🗶 2. चाचा 🧷 ३. चचेरा भाई 🗶 ४. भाई Question ID: 65497842472 Status: Answered Chosen Option: 3 Q.19 Radha wears five different coloured clothes, red, green, yellow, purple and brown, on five different days of a week, from Monday to Friday. She wears red clothes on Wednesday. She does not wear green and brown clothes on Monday or Friday. She wears green clothes on the next day of wearing yellow clothes. On which day does she wear brown clothes? X 1. Monday Ans X 2. Tuesday X 3. Friday 4. Thursday Question ID: 65497842473 Status: Answered Chosen Option: 4 Q.20 Select the number from among the given options that can replace the question mark (?) in the following series. 2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ? Ans X 1. 422 X 2. 242 X 3. 224 7 4. 244 Question ID: 65497844294 Status: Answered Chosen Option: 4







Q.24 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(s) from the statements.

Statements:

No plum is an apricot.

All lemons are apricots.

All grapes are lemons.

Conclusions:

I. No apricot is a grape.

II. No grape is a plum.

III. No lemon is a plum.

IV. Some plums are lemons.

Ans X 1. Only conclusions I, II and IV follow.

X 2. Only conclusions II, III and IV follow.

3. Only conclusions II and III follow.

X 4. Only conclusions I, II and III follow.

Question ID : 65497844292 Status : Answered

Chosen Option: 4

- Q.25 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
 - 1. Projection
 - 2. Professor
 - 3. Product
 - 4. Pronounce
 - 5. Provide

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

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

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

4. 3, 2, 1, 4, 5

Question ID: 65497843374

Status : Answered

Chosen Option : 4

Section: General Awareness

Q.1 Which of the following states became the first state in India to provide 100% tap water supply in rural areas in 2020?

Ans 1. Goa

X 2. Kerala

X 3. Mizoram

X 4. Sikkim

Question ID : 65497842597

Status : Answered

Q.2 How many electrons are there in the	2 How many electrons are there in the outermost shell of a group 16 element?	
Ans X 1. 5	c outermost shell of a group to clement:	
★ 2. 4		
※ 3. 3		
⊘ 4. 6		
	Question ID : 65497844113	
	Status : Answered	
	Chosen Option : 4	
0.3 Which of the following parties supported the move for partition of Bengal?		
Ans 💢 1. Gadar Party		
💢 2. Forward Bloc		
🧳 3. All India Muslim League		
💢 4. Communist Party of India		
	Question ID : 65497844322	
	Status : Not Answered	
	Chosen Option :	
Q.4 In Union Budget 2021-22, there is a	proposal to provide liquid waste management in	
AMRUT cities under Jal Jee	van Mission (Urban).	
Ans 💢 1. 150		
× 2. 400		
⊘ 3. 500		
× 4. 350		
, .		
	Question ID : 65497842493	
	Status : Not Answered	
	Chosen Option :	
Q.5. According to Economic Survey 202	0-2021, India's real GDP is projected to record	
growth in the Fiscal Year 20	21-22.	
Ans 🗶 1. 10.8%		
X 2. 12.3%		
√ 3. 11.0%		
※ 4. 13.5%		
	Question ID : 65497844108	
	Status : Not Answered	
	Chosen Option :	
Q.6 Which of the following symmetries	is exhibited by arthropode?	
Ans X 1. Axial	is exhibited by artificipous:	
X 2. Translational		
💢 3. Radial		
√ 4. Bilateral		
	Ougation ID : 05407044445	
	Question ID : 65497844115 Status : Not Answered	
	Chosen Option :	

Q.7 Who among the following wrote 'India Wins freedom'? X 1. Jawaharlal Nehru 2. Abul Kalam Azad X 3. Jaswant Singh 🗶 4. Rajendra Prasad Question ID: 65497844124 Status: Answered Chosen Option: 3 Q.8 In the flocculation method of water treatment _____ chemical is added to water. X 1. electro-neutral Ans X 2. low negatively charged 3. positively charged 🗶 4. high negatively charged Question ID: 65497844312 Status: Not Answered Chosen Option: --The Right of Children to Free and Compulsory Education Act or Right to Education (RTE) Act is an Act of the Parliament of India enacted in the year **1.2009** Ans X 2. 2012 **X** 3. 2005 **X** 4. 2007 Question ID: 65497842610 Status: Not Answered Chosen Option: --Q.10 In the context of Indian Freedom Movement, which of the following years is correctly paired with the event that took place that year? Ans 1. 1915 - Mahatma Gandhi returned from South Africa 2. 1944 – The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British war efforts in the 2nd World War X 3. 1936 - The First Round Table Conference 💢 4. 1945 – The All India Congress Committee met in Bombay and ratified the 'Quit India' resolution Question ID: 65497842606

Status: Answered

	In which of the following cities was the 2020 Asian Wrestling Cha	ampionships held?
Ans	√ 1. New Delhi √ 2. ¬ ¬ · · · · · · · · · · · · · · · · ·	
	X 2. Tokyo	
	✗ 3. Beijing	
	★ 4. Colombo	
		Question ID : 65497844330
		Status : Answered
		Chosen Option : 1
Q.12	As per Union Budget for 2021–22, interest earned on Provident F above lakhs in a year will become taxable.	Fund contribution
Ans	X 1. ₹1.5	
	※ 2. ₹1	
	※ 3. ₹2	
	<i></i> 4. ₹2.5	
		Question ID : 65497842592
		Status : Not Answered
		Chosen Option :
Q.13	What do you call the weight a soil can withstand before severe d structure of the soil?	amage occurs to the
Ans	★ 1. Field capacity	
	★ 3. Bulk density	
	★ 4. Buffering capacity	
		Question ID : 65497844319 Status : Not Answered
		Chosen Option :
	Who was the chairman of the House Committee of the Constitue	nt Assembly of India?
Ans	√ 1. B Pattabhi Sitaramayya	
	★ 2. AV Thakkar	
	★ 3. JB Kripalani	
	X 4. KM Munsi	
		Question ID : 65497842006
		Status : Not Answered
		Chosen Option :
Q.15	Which of the following festivals is held on a new moon day?	
Ans	X 1. Mahavir Jayanti	
	★ 3. Dussehra	
	X 4. Holi	
	* -	
		Question ID: 65497844308
		Status : Not Answered Chosen Option :
		Chosen Option

	A 'Nattuvanar' conducts a dance recital.	
Ans	* * * * * * * * * * * * * * * * * * * *	
	🗶 2. Odissi	
	★ 3. Kathak	
	🦪 4. Bharatanatyam	
		Outstier ID - 05407044004
		Question ID : 65497841984 Status : Not Answered
		Chosen Option :
Q.17	What was the estimated national mortality rate of children ucountry as per Census of India 2011?	under the age of five in the
Ans		
	⊘ 2. 55	
	※ 3. 76	
	X 4. 13	
		Question ID : 65497841997
		Status : Not Answered Chosen Option :
		Onoscii Option :
Q.18	Nitrogen is a element.	
Q.18 Ans	Nitrogen is a element. 1. diatomic	
	√ 1. diatomic	
	1. diatomic2. tetra-atomic	
	1. diatomic2. tetra-atomic3. poly-atomic	
	1. diatomic2. tetra-atomic3. poly-atomic	Question ID : 65497841990 Status : Answered
	1. diatomic2. tetra-atomic3. poly-atomic	Question ID : 65497841990 Status : Answered Chosen Option : 1
	1. diatomic 2. tetra-atomic 3. poly-atomic 4. monoatomic	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement	Status : Answered Chosen Option : 1
Ans	1. diatomic 2. tetra-atomic 3. poly-atomic 4. monoatomic	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021.	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021. ✓ 1. Irrfan Khan ✗ 2. Amitabh Bachchan 	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021. ✓ 1. Irrfan Khan ✗ 2. Amitabh Bachchan ✗ 3. Dharmendra 	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021. ✓ 1. Irrfan Khan ✗ 2. Amitabh Bachchan 	Status : Answered Chosen Option : 1
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021. ✓ 1. Irrfan Khan ✗ 2. Amitabh Bachchan ✗ 3. Dharmendra 	Status : Answered Chosen Option : 1 t' award at the Filmfare Question ID : 65497842506
Ans	 ✓ 1. diatomic ✗ 2. tetra-atomic ✗ 3. poly-atomic ✗ 4. monoatomic Actor was conferred with the 'Lifetime Achievement Awards 2021. ✓ 1. Irrfan Khan ✗ 2. Amitabh Bachchan ✗ 3. Dharmendra 	Status : Answered Chosen Option : 1 t' award at the Filmfare

ıs	✗ 1. Ranvir Shorey✗ 2. Nawazuddin Siddique	
	★ 3. Ram Kapoor	
	✓ 4. Adil Hussain	
	y 4. Adii Hussaiii	
		Question ID : 65497842608
		Status : Not Answered
		Chosen Option :
.21	As of 2021, who is the reigning Olympic Men's Field Hockey	champion?
ns	★ 1. Belgium	* * * * * * * * * * * * * * * * * * *
	🗶 2. Germany	
	★ 4. Holland	
		Question ID : 65497844129
		Status: Not Answered
		Chosen Option :
2.22	The fine for extinguishing public lamps may extend to The Electricity Act, 2003.	
	The fine for extinguishing public lamps may extend to The Electricity Act, 2003.	
	The Electricity Act, 2003.	
	The Electricity Act, 2003.	
	The Electricity Act, 2003.	
	The Electricity Act, 2003.	
	The Electricity Act, 2003.	_ as per Section 141 of Question ID : 65497842510
	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
	The Electricity Act, 2003.	_ as per Section 141 of Question ID : 65497842510
s	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
s	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
Ans	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
Ans	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
Ans	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered
Ans	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered Chosen Option:
Ans	The Electricity Act, 2003.	Question ID: 65497842510 Status: Not Answered

Q.24 Which of the following varnas was responsible for protecting people and administering justice in ancient India as per rules laid down by the Dharmasutras and Dharmashastras?

🗶 1. Vaishya Ans

X 2. Shudra

3. Kshatriya

X 4. Brahmana

Question ID: 65497841998 Status: Answered

Chosen Option: 3

Q.25 Which of the following rivers originates in a spring at Verinag in the south-eastern part of Kashmir?

X 1. Beas

2. Jhelum

X 3. Chenab

🗶 4. Sutlej

Question ID: 65497842500 Status: Answered

Chosen Option: 3

Section: Quantitative Aptitude

Q.1 The expression $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 1$ is equal to:

X 1. [

√ 2. −2

X 3. 0

X 4. **_1**

Question ID: 65497842533 Status: Answered Chosen Option: 2

Q.2 A railway engine passes two bridges of lengths 400 m and 235 m in 100 seconds and 60 seconds, respectively. Twice the length of the railway engine (in m) is:

Ans

X 1. 24

√ 2. 25

X 3. 12.5

X 4. 12

Question ID: 65497842625 Status: Answered Chosen Option: 3

Q.3 The sides AB and AC of \triangle ABC are produced to points D and E, respectively. The bisectors of \angle CBD and \angle BCE meet at P. If $\angle A = SS^{\circ}$, then the measure of $\angle P$ is:

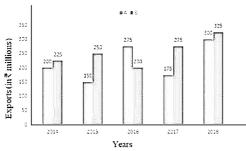
Ans

- √ 1. 46°
- X 2. 56°
- X 3. 51°
- **X** 4. 61°

Question ID: 65497842631 Status : Answered Chosen Option: 1

Q.4 The given 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.



In which year are the exports of cars of type A $\stackrel{>}{\sim}$ 20 million less more than the average exports (per year) of cars of

- Ans 🔀 1. 2015
 - X 2. 2014
 - √ 3. 2016
 - X 4. 2017

Question ID: 65497844454 Status: Answered

Chosen Option: 3

Q.5 If $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$, then the value of (a - b - 7c) is:

Question ID: 65497842628

Status: Answered

Q.6 Joseph deposited a total of ₹52,500 in a bank in the names of his two daughters aged 15 years and 16 years in such a way that they would get equal amounts when they become 18 years old. If the bank gives 10% compound interest compounded annually, then what is the amount (in \mathfrak{T}) that Joseph had deposited in the name of his younger daughter?

Ans

X 1. 25,500

× 2. 24,500

√ 3. 25,000

X 4. 26,000

Question ID: 65497842017

Status: Answered

Chosen Option: 3

Q.7 The circumference of the base of a right circular cylinder is 62.8 cm and its volume is 8792 cm³. What is the curved surface area (in cm 2) of the cylinder? (Take $\pi=3.14$)

Ans

X 1. 1695.6

√ 2. 1758.4

X 3. 1632.8

X 4. 1570.2

Question ID: 65497844347

Status: Answered Chosen Option: 2

Q.8 The average of eight consecutive odd numbers is 28. The sum of the smallest and the largest number is:

Ans 🗶 1. 45

X 2. 52

X 3. 48

√ 4. 56

Question ID: 65497842820

Status: Answered

Chosen Option: 4

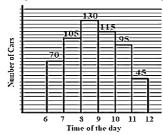
Q.9 In $\triangle ABC$, AB = 7 cm, BC = 10 cm, and AC = 8 cm. If AD is the angle bisector of $\triangle BAC$, where D is a point on BC. then $\frac{DC}{t}$ (in cm) is equal to:

Ans

Question ID: 65497842531

Status: Answered

During which hour(s) is the number of cars passed more than the average number of cars passed from 6 am to 11 am?



Ans

- X 1. 8−9 am, 9−10 am
- X 2. 8-9 am
- **×** 3. 7–8 am, 8–9 am, 9–10 am, 10–11 am

Question ID : 65497842033 Status : Answered

Chosen Option: 4

Q.11 What is the greatest four-digit number which on being divided by 6, 7 and 8 leaves 4, 5 and 6 as remainders, respectively?

Ans

- √ 1. 9910
- X 2. 9920
- X 3. 9921
- X 4. 9912

Question ID: 65497844131

Status : Answered

Chosen Option: 1

Q.12 A poster is on top of a building. A person is standing on the ground at a distance of 50 m from the building. The angles of elevation to the top of the poster and bottom of the poster are 45° and 30°, respectively. What is 200% of the height (in m) of the poster?

Ans

$$\times$$
 1. $\frac{25}{3}$ (3 – $\sqrt{3}$)

$$\times 2. \frac{75}{3} (3 - \sqrt{3})$$

$$\times$$
 3. $\frac{50}{3}(3-\sqrt{3})$

$$\sqrt[3]{4} \cdot \frac{100}{3} (3 - \sqrt{3})$$

Question ID : 65497844150

Status : Answered

Q.13 The ratio of the profits of P and Q is 5:8. What is their investment ratio, if their investment time period ratio is 3:5?

Ans × 1. 13:25

X 2. 12:25

X 3. 24 : 25

4. 25:24

Question ID: 65497842622

Status: Answered

Chosen Option: 4

Q.14 If a nine digit number 468x5138y is divisible by 72, then the value of $\sqrt{4x+3y}$ is:

Ans 🗶 1. 8

X 2. 9

X 3. 12

√ 4. 6

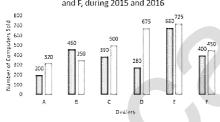
Question ID: 65497844332

Status: Answered

Chosen Option: 4

Q.15 The given bar graph shows the sales of computers from six dealers A. B. C. D. E and F. during two consecutive years 2015 and 2016. Study the graph and answer the question that follows.

> Sales of computers from six dealers A, B, C, D, E and F, during 2015 and 2016



What is the ratio of the total sales from dealers A. B and C taken together for the year 2015 to the sales from dealers D. E and F taken together for the year 2016?

Ans

X 1. 25:39

X 2. 37:21

√ 3. 21:37

X 4. 39:25

Question ID: 65497842941

Status: Answered

Q.16 The value of $15 \div 6.3 \div 7 - 3 \times 1.3 - 2$ is:

Ans 🗶 1. 9

X 2. -10

√ 3. 10

X 4. 7

Question ID : 65497844132

Status : Answered

Chosen Option: 3

Q.17 A river 6 m deep and 35 m wide is flowing at the rate of 2.5 km/h, the amount of water that runs into the sea per minute

Ans X 1. o.

X 1. 8570 m³

 \times 2. 7850 m^3

× 3. 7580 m³

 \checkmark 4. 8750 m³

Question ID : 65497842828

Status : Answered

Chosen Option: 4

Q.18 A can complete work in 25 days and B can complete the same work in 20 days. They started the work together but B left after 4 days and A continued to work. In how many days will the entire work be completed?

Ans 💢 1. 25

√ 2. 20

X 3. 28

X 4. 22

Question ID: 65497842523

Status : Answered

Chosen Option: 2

Q.19 If $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$, then the value of $\sqrt{(A^2 + B^2 + C^2)}$ is:

Ans

 \checkmark 1. $\sqrt{19}$

× 2. √11

X 3. √17

 \times 4. $\sqrt{21}$

Question ID: 65497842526

Status: Answered

Q.20 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% profit on article B, and the difference in their selling prices is ₹480. Find 30% of the total cost price (in ₹) of both the articles.

Ans \times 1, 1,250

X 2. 1,000

X 3. 900

V4. 810

Question ID: 65497842520 Status: Answered

Chosen Option: 4

Q.21

The value of $2 - \sqrt{\frac{\cot\theta + \cos\theta}{\cot\theta - \cos\theta}}$, when $0^{\circ} < \theta < 90^{\circ}$ is equal to:

Ans \times 1. $2 + \sec \theta + \tan \theta$

 \times 2. 2 - sec θ + tan θ

 $\sqrt{3}$ 2 - $\sec \theta$ - $\tan \theta$

 \times 4. 2 + sec θ - tan θ

Question ID: 65497842633

Status: Answered

Chosen Option: 3

Q.22 If a positive number 'k' when multiplied by 30% of itself gives a number which is 170% more than the number 'k', then the number 'k' is equal to:

- Ans 🗶 1. 9
 - X 2. 5
 - √ 3. 6

X 4. 7

Question ID: 65497844337

Status: Answered

Chosen Option: 1

Q.23 AB is a chord of a circle with centre O, while PAQ is the tangent at A. R is a point on the minor arc AB. If $\angle BAQ = 70^{\circ}$, then find the measure of $\angle ARB$.

Ans

- √ 1. 110°
- X 2. 125°
- **≭** 3. 70°
- × 4. 145°

Question ID: 65497842023

Status: Answered

Q.24 A shopkeeper announces a discount of 48% and then by a further discount of 15%. What is the final sale price (in Rs, to the nearest rupee) of a sofa costing Rs 29600 and what is the discount (in Rs)?

Ans

X 1, 13280, 16517

√ 2. 13083, 16517

X 3. 16517, 13083

X 4. 16517, 13280

Question ID: 65497844666 Status: Not Answered

Chosen Option: --

Q.25 The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.

Total number of employees of the corporate office = 2500

Study the chart carefully and answer the question that follows.

Pie-Chart presenting the information about the percentage distribution of a certain corporate office employees by their ages.

58+ years and above, 10% 19 to 28 years,

48+ to 58 years , 15%

> 28+ to 38 years, 25%

38+ to 48 years, 30%

What is the central angle (in degrees) corresponding to the age groups 38+ to 48 years and 58+ years and above, taken together?

Ans

X 1. 36

2. 144

 \times 3. 120

X 4. 108

Question ID : 65497844152 Status : Answered

Chosen Option : 2

Section: English Comprehension

Q.1	Select the correct passive voice of the given sentence.	
	She has read all the plays of Shakespeare.	
Ans	★ 1. All the plays of Shakespeare are read by her.	
	ightsqrteep 2. All the plays of Shakespeare have been read by her.	
	✗ 3. All the plays of Shakespeare had been read by her.	
	★ 4. All the plays of Shakespeare were read by her.	
		Question ID : 65497842645
		Status : Answered Chosen Option : 2
		Sheesh spash 2
Q.2	Select the most appropriate ANTONYM of the given word.	
	Devious	
Ans	★ 1. Dishonest	
	X 2. Crooked	
	✗ 3. Crafty	
	√ 4. Sincere	
	•	
		Question ID : 65497842053
		Status : Answered
		Chosen Option : 4
Q.3	Select the most appropriate synonym of the given word.	
	Threshold	
Ans	X 1. stairs	
	X 2. exit	
	★ 3. window	
		Question ID : 65497844171
		Status : Answered
		Chosen Option : 2
Q.4	Select the most appropriate ANTONYM of the given word.	
	OCCUPIED	
Ans	X 1. Late	
	√ 2. Free	
	X 3. Vast	
	X 4. New	
	- · · · ·	
		Question ID : 65497844375
		Status : Answered
		Chosen Option : 2

	Select the option that expresses the given sentence in indirect sp	eech.
	"Please allow me to leave now," Ritika said to her teacher.	
Ans	✗ 1. Ritika requested my teacher to allow her to leave now.	
	2. Ritika requested her teacher to allow her to leave then.	
	✗ 3. Ritika requested her teacher to allow me to leave now.	
	★ 4. Ritika requested her teacher to allow me to leave then.	
		Question ID : 65497842046
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.6	Select the option that can be used as a one-word substitute for th words.	e given group of
	A seat for a passenger on a bicycle or motorbike	
Ans	√ 1. Pillion	
	★ 2. Girdle	
	★ 3. Bridle	
	★ 4. Cushion	
		Question ID : 65497842662
		Status : Answered
		Chosen Option : 1
0.7	Select the option that expresses the given sentence in passive vo	
Ans	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use. 4. Your money has been put to good use.	ice.
	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use.	
	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use.	Question ID : 65497844159 Status : Answered
	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use.	Question ID : 65497844159
Ans	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use.	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use. 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month.	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. 1. Your money is being put to good use. 2. Your money could have been put to good use. 3. Your money could be put to good use. 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. 1. three breaks-in	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month X 3. in our society	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month X 3. in our society	Question ID: 65497844159 Status: Answered Chosen Option: 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month X 3. in our society	Question ID : 65497844159 Status : Answered Chosen Option : 3
Ans	You could put your money to good use. X 1. Your money is being put to good use. X 2. Your money could have been put to good use. X 3. Your money could be put to good use. X 4. Your money has been put to good use. The following sentence has been split into four segments. Identify contains a grammatical error. There have been / three breaks-in / in our society / this month. X 1. three breaks-in X 2. this month X 3. in our society	Question ID: 65497844159 Status: Answered Chosen Option: 3 The segment that Question ID: 65497842642

Q.9	The following sentence has been divided into parts. One of them respect the part that contains the error from the given options. If you error, mark 'No error' as your answer.	
	Take care/ for keep/ your valuables safely.	
Ans	X 1. Take care	
	✗ 2. your valuables safely	
	★ 4. No error	
		Question ID : 65497843448
		Status : Answered
		Chosen Option : 3
Q.10 Ans	Select the INCORRECTLY spelt word. X 1. Tenure	
Alla	✓ 2. Digonal	
	✗ 3. Partner	
		•
	★ 4. Oblique	
		Question ID : 65497842664
		Status : Answered
		Chosen Option : 2
Ans	I shall certainly write to you when I shall reach Bengaluru. 1. No substitution required 2. I reach 3. I reached 4. I am reaching	
		Question ID : 65497844169
		Status : Answered Chosen Option : 2
Q.12	Select the option that can be used as a one-word substitute for the words. One who knows everything X 1. Experienced 2. Omniscient X 3. Invincible X 4. Naïve	Question ID: 65497842562
		Status : Answered
		Chosen Option : 2
!		

O 12	Select the most appropriate option to fill in the blank.	
પ.13		
۸	All the guests were shocked at his laughter.	
Ans	★ 1. Unrecognised	
	★ 3. Unresolved	
	X 4. Unremarkable	
		O
		Question ID : 65497842564 Status : Answered
		Chosen Option : 2
Q.14	Select the most appropriate meaning of the given idiom.	
	Easy money	
Ans	✗ 1. Collect someone's cash for them easily	
	🗶 2. Work hard to earn a large salary without telling anyone	
	✗ 3. Have no difficulty in collecting money that is due	
		Question ID : 65497844377
		Status : Answered Chosen Option : 4
		Checkii Spilett. 4
Ans	Select the most appropriate option that can substitute the underling given sentence. If there is no need to substitute it, select 'No substitute it,	titution required'.
		Question ID : 65497844370
		Status : Answered
		Chosen Option : 1
Q.16	Select the most appropriate synonym of the given word. Perjury	
Ans	X 1. Melancholy	
	× 2. Frankness	
	X 3. Penury	
	✓ 4. Falsehood	
	▼ 0.0 Carter 1.100 cm	
		Question ID : 65497842657
		Status : Answered
		Chosen Option : 4

Q.17	Select the most appropriate meaning of the given idiom.		
	To bury the hatchet		
Ans	★ 1. To stop talking to someone		
	✗ 3. To bury old things		
	X 4. To fight with someone		
		Question ID : 65497842055 Status : Answered	
		Chosen Option : 2	
Q.18	8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.		
	Nowadays, common people take / interest in the manner / in which / they were governed.		
Ans	√ 1. they were governed		
	💢 2. Nowadays common people take		
	★ 3. interest in the manner		
	X 4. in which		
		Oversition ID v 05407040007	
		Question ID : 65497842037 Status : Not Answered	
		Chosen Option :	
Q.19	 19 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. But instead of asking the guest to rest, he said, "I have arranged to take you for 		
	Shikar." B. The host welcomed him warmly. C. At last he arrived at the beautiful city. D. Great preparations were made for Amir of Isfahan's journey to Shiraz.		
Ans	★ 1. CADB		
	★ 3. DCAB		
	※ 4. BDCA		
		Question ID : 65497844170 Status : Answered	
		Chosen Option : 2	
Q.20 The following sentence has been split into four segments. Identify the segment that			
	contains a grammatical error.		
	He / can have been / more polite / to her.		
Ans	★ 1. more polite 1. more		
	※ 2. He		
	★ 3. to her		
	√ 4. can have been		
		Question ID : 65497843045	
		Question in . 00431043043	
		Status : Answered	
		Status : 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.		
	Not a year passes without a controversy over the national sports awards. The debate that (1) every year following the announcement of the (2) often leads to accusations of bias, regionalism and manipulations. (3) to the Sports Minister and Chief Ministers and (4) by the politicians have all become part of the (5)		
	SubQuestion No : 21		
Q.21	Select the most appropriate option to fill in blank no.1		
Ans	✗ 1. rose		
	★ 2. arose		
	✗ 3. rise		
	√ 4. arises		
		0	
		Question ID : 65497842546 Status : 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.		
	Not a year passes without a controversy over the national sports awards. The debate that (1) every year following the announcement of the (2) often leads to accusations of bias, regionalism and manipulations. (3) to the Sports Minister and Chief Ministers and (4) by the politicians have all become part of the (5)		
	SubQuestion No : 22		
Q.22	Select the most appropriate option to fill in blank no.2		
Ans	X 1. donations		
	√ 2. awards		
	✗ 3. gifts		
	★ 4. rewards		
		Question ID : 65497842547	
		Status : Answered	
		Chosen Option : 2	