Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Teenpani
Exam Date	02/12/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section: General Intelligence and Reasoning

Q.1 In the following question, select the missing number from the given series. 111, 222, 444, ?, 1776, 3552

Ans X 1. 999

2. 888

X 3. 1780

X 4. 1770

Question ID : 264330105019 Status : Answered Chosen Option : 2

Q.2 Based on the position in the English alphabetical order, three of the following letterclusters are alike in some manner and one is different. Select the odd letter-cluster.

Ans 🚀 1. IDAY

🗶 2. SNJH

X 3. QLHF

X 4. VQMK

Question ID : 26433065662 Status : Answered Chosen Option : 1

Q.3 By interchanging the given two signs and numbers which of the following equation will be correct?

+ and -, 2 and 4

Ans \times 1. 9 – 5 ÷ 4 × 2 + 8 = 80

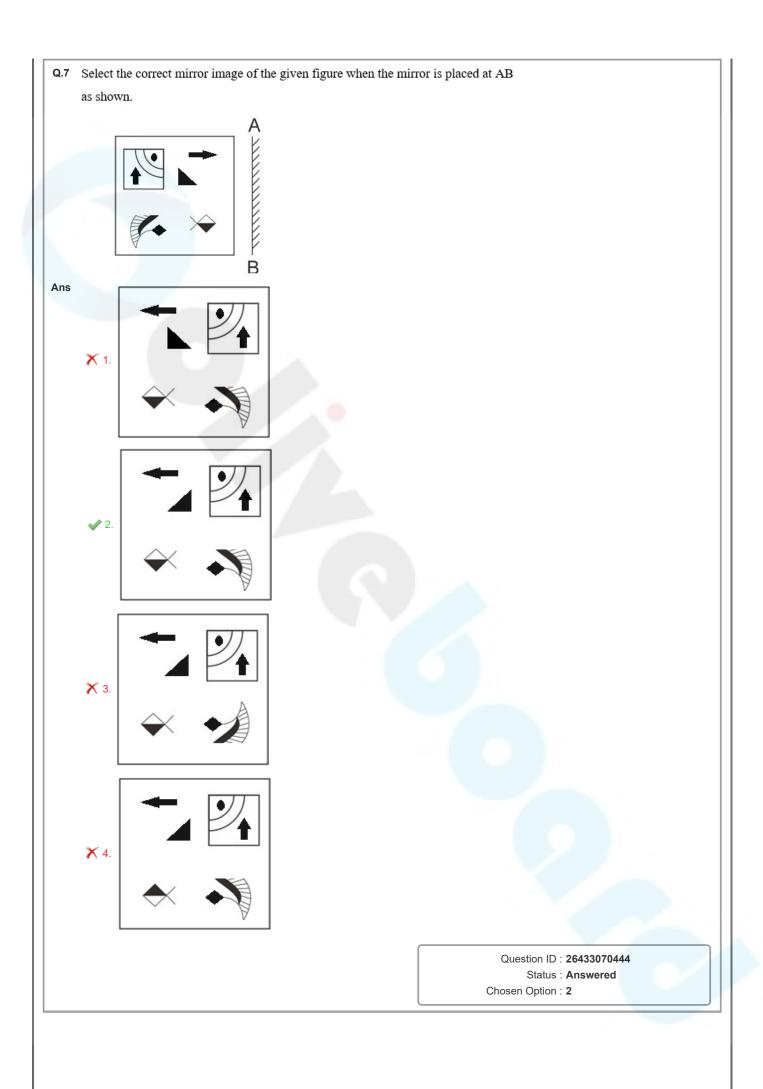
 \checkmark 2. 7 × 4 – 2 ÷ 1 + 5 = 13

 \times 3. 7 – 8 ÷ 2 + 16 × 4 = 18

 \times 4.5 + 7 × 4 – 8 ÷ 2 = 5

Question ID : 264330105134
Status : Answered

Q.4 R + S means 'R is the daughter of S' R = S means 'R is the father of S' R ÷ S means 'R is the wife of S' R × S means 'R is the brother of S' $E \div F \times J + L = M$, then how is L related to E? Ans X 1. Father X 2. Wife 3. Father-in-law X 4. Brother Question ID: 26433068074 Status: Answered Chosen Option: 3 Q.5 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term. 8:496::?:204::9:711 Ans X 1.5 **X** 2. 13 **3**. 6 **X** 4. 11 Question ID: 26433059944 Status : Answered Chosen Option: 3 Q.6 Select the set in which the numbers are related in the same way as are the numbers of the following set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed). (25, 9, 56) (13, 14, 183) **Ans** X 1. (42, 12, 228) **X** 2. (11, 16, 135) X 3. (19, 23, 511) **4**. (27, 15, 198) Question ID: 26433074561 Status : Not Attempted and Marked For Review Chosen Option: --



Q.8 Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. 17 * 11 * 42 * 2 * 7 = 18

X 1. - + ÷ ÷ Ans

Question ID: 26433068597 Status: Answered Chosen Option : 2

Q.9 In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

✓ 1.3 – 44 Ans

× 2. 4 − 64

X 3. 5 – 125

X 4. 6 – 216

Question ID: 264330105049 Status: Answered

Chosen Option: 1

Q.10 By interchanging the given two signs which of the following equation will be not correct?

+ and -

 \checkmark 1. 18 ÷ 3 + 8 × 5 – 4 = 30 Ans

 \times 2. 4 × 6 + 7 – 3 ÷ 1 = 20

 \times 3. 18 + 8 × 6 ÷ 3 – 11 = 13

 \times 4. 6 × 9 + 7 – 8 ÷ 2 = 51

Question ID: 264330105127 Status: Answered Chosen Option: 1

Q.11 Which letter-cluster will replace the question mark (?) to complete the given series?

CZNM, FXOL, IVPK, ?, ORRI X 1. LSQJ

X 2. LTRK

X 3. LSQK

Question ID: 26433065956 Status: Answered

Q.12 If A + B means that A is the brother of B, A × B means that A is the sister of B, A ÷ B means that A is the father of B then which of the following expression shows that P is the brother of R?

Ans X 1. P + Q ÷ R

√ 2. P + Q × R

X 3. P × Q + R

X 4. P + R × Q

Question ID : 264330104999
Status : Answered
Chosen Option : 2

Q.13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

FDcAL5

м — ____ N

Ans

X r F D c A T 5

X₃ J D c A L 5

× 3 F D o A L 5

♣4 FDcAL5

Question ID : 26433080797 Status : Answered

Chosen Option : 4

Q.14 Three statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All bears are rabbits.

All rabbits are dogs.

Some dogs are black.

Conclusions.

I- Some rabbits are black.

II- Some dogs are bears.

III- All bears are dogs.

Ans 1. Only conclusions II and III follow.

X 2. Only conclusions I and II follow.

3. All conclusions follow.

X 4. Only conclusions I and III follow.

Question ID : 26433070396 Status : Answered

Status : Answered

Q.15 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Cloth : Closet :: Gun : ? 1. Armoury Ans X 2. Almirah X 3. Bullet X 4. Chest Question ID: 26433067853 Status: Answered Chosen Option: 1 Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed) (42, 132, 2) **X** 1. (4,60,5) **X** 2. (5,31,29) **X** 3. (14,20,25) **4**. (3,30,7) Question ID: 26433079117 Not Attempted and Status : Marked For Review Chosen Option: --Q.17 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Sparrows: Tree X 1. Cow: Beach 2. Fish: Water X 3. Owl : Night X 4. Rabbit : Sand Question ID: 26433065975 Status: Answered Chosen Option: 2 Q.18 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. ACC, UZD, OWE, ITF, ? X 1. REN Ans X 2. CRM **X** 3. CMR Question ID: 264330104809 Status: Answered Chosen Option: 4

Q.19 In a certain code language, 'GHOST' is written as 'ONGCB' and 'ABIDE' is written as 'UTMRQ'. How will 'RULES' be written in that language?

Ans X 1. DAKQD

🗶 2. DAJQD

🗙 4. WZQJX

Question ID : 26433067330 Status : Answered

Chosen Option: 3

Q.20 Select the figure that will come next in the following series.

Ans

Question ID : 26433078975

Status : Answered

 ${\bf Q.21} \quad \hbox{Three different positions of the same dice are shown. Find the number on the face} \\$ opposite the face showing '3'. Figure 2 Figure 3 **X** 1. 5 Ans X 2.4 **3**. 1 **X** 4. 6 Question ID : 26433081527 Status : Answered Chosen Option: 3 Q.22 Select the figure from among the given options that can replace the question mark (?) in the following series. 7 Ans 7 D 쇼 **X** 1. D 7 **X** 2. 7 **X** 3. D 7 D Question ID : 26433057860 Status : Answered Chosen Option: 4

Q.23 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements. Statements: I. Some L are R. II. Some A are R. Conclusion: I. All A are L. II. All R are L. Ans X 1. Only conclusion I follows 2. Neither conclusion follows X 3. Only conclusion II follows X 4. Both conclusions I and II follows Question ID: 264330104912 Status: Answered Chosen Option: 2 Q.24 In a certain code language, 'EARLY' is written as 'ZNSCF' and 'GAUGE' is written as 'FIVCH'. How will 'INBOX' be written in that language? X 1. YQCQJ Ans X 2. JPCQY X 4. XPBOI Question ID: 26433067298 Status : Answered Chosen Option: 3 Q.25 After arranging the given words according to dictionary order, which word will come at 'Third' position?

1. Sickle 2. Sickly 3. Sick 4. Sicken 5. Sickness X 1. Sick 2. Sickle X 3. Sicken X 4. Sickly Question ID: 264330104893 Status : Answered Chosen Option: 2 Section: General Awareness Q.1 Who among the following is known as a pioneering dance educationist and a prominent Mohiniyattam exponent? Ans X 1. Madhavi Mudgal X 2. Shagun Butani X 3. Mohanrao Kallianpurkar 4. Dr Kanak Rele Question ID: 26433082133 Status: Not Answered

Q.2	According to Mendeleev's periodic table, what was the which was later replaced by Gallium?	ne atomic mass of Eka-aluminium
Ans		
	× 2.83	
	✓ 3. 68	
	★ 4. 50	
		Question ID : 26433064087 Status : Not Answered
		Chosen Option :
Q.3	What is the outermost layer found in the cell envelop	e of the bacterial cell called?
Ans	✓ 1. Glycocalyx	
	X 2. Cell membrane	
	★ 3. Plasma membrane	
	X 4. Cytoplasm	
		Question ID : 26433087869
		Status : Answered
		Chosen Option : 2
Ans	✓ 2. Kathakali✗ 3. Bharatanatyam	
	X 4. Mohiniattam	
		Question ID : 26433064646
		Status : Answered
		Chosen Option : 3
Q.5	President Droupadi Murmu has appointed Dr. Justice Chandrachud as the Chief Justice of India.	Dhananjaya Yashwant
Ans	*	
	× 2. 51st	
	★ 3. 48th	
	★ 4. 49th	
		Question ID : 264330105215
		Status : Answered
		Chosen Option : 1
Q.6	Which Part of the Constitution of India reflects the Fu	undamental Duties?
Ans		
	🗙 2. Part XII	
	✓ 3. Part IV-A	
	X 4. Part IX-B	
		Question ID : 26433074893
		Status : Answered Chosen Option : 3
		Chosen Option . 3

	When did the Mongol ruler Genghis Khan die?	
Ans	X 1. 1219	
	X 2. 1210	
	X 3. 1235	
	✓ 4. 1227	
		Question ID: 264330105430 Status: Marked For Review
		Chosen Option: 4
		Gildesii Spiidii I
2.8	How many maximum electrons can M shell have?	
ns	✓ 1. 18	
	★ 2.8	
	X 3. 1	
	X 4. 2	
		Question ID : 26433086744
		Status : Answered
		Chosen Option : 1
Q.9	Merchants and migrants first brought the teachings of t	he holy Quran to India in the
	century.	•
Ans	X 1. fourth	
	✓ 2. seventh	
	X 3. ninth	
	X 4. sixth	
	X 4. sixth	
	★ 4. sixth	Question ID : 264330105401
	★ 4. sixth	Status : Answered
	★ 4. sixth	
Q.10	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic t	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic t	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered
	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies on	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies on	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Q.11	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies on 1. Atlantic 2. Antarctic	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3
Q.11	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies on	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3 coast. Question ID : 264330105595
Ans	In 1955, which synthetic element is provisionally named Dmitri Mendeleev, who created one of the first periodic to 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies on	Status : Answered Chosen Option : 3 I Mendelevium in honor of tables? Question ID : 26433064080 Status : Answered Chosen Option : 3 coast.

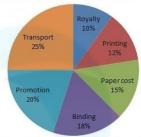
Q.12 The crop area under high yielding varieties of which amongst the following crop grew considerably during the Green Revolution? Ans X 1. Sugarcane X 2. Pulses X 3. Oilseeds 4. Wheat Question ID: 26433064536 Status : Answered Chosen Option: 4 Q.13 Who has become the 12th Chief minister of Uttarakhand? Ans X 1. Biren Singh X 2. Pramod Sawant X 3. Bhagwant Singh Mann ✓ 4. Pushkar Singh Dhami Question ID: 264330105335 Status: Answered Chosen Option : 4 Q.14 Which of the following statement is correct? I. The nutrition requirements of adolescents are higher than adult. II. Adolescents are generally grouped in the age group of 10 to 19 years. Ans X 1. Only II 2. Both I and II X 3. Neither I nor II 🗙 4. Only I Question ID: 264330105497 Status: Answered Chosen Option : 1 Q.15 Which Article of the Constitution separates the judiciary from the executive? Ans X 1. Article 143 2. Article 50 X 3. Article 144 X 4. Article 74 Question ID: 26433064844 Status: Answered Chosen Option: 2 Q.16 What do you call a component of identical size that offers a higher resistance to electricity? Ans 1. Poor conductor X 2. Semi- conductor X 3. Good conductor X 4. very good conductor Question ID: 26433086698 Status : Answered Chosen Option: 1

ns	★ 1. February	
	X 2. March	
	✓ 3. January	
	X 4. April	
		Question ID : 26433070836 Status : Answered
		Chosen Option: 3
	Which of the following is celebrated as the "Tibetan New Year"?	
ns	X 1. Lohang	
	✓ 2. Losar	
	X 3. Myoko	
	X 4. Murung	
		Question ID : 26433071459
		Status : Not Answered
		Chosen Option :
).19 \ns	Which layer of atmosphere helps in radio transmission?	
uis	✓ 2. Thermosphere	
	X 3. Mesosphere	
	★ 4. Stratosphere	
		Question ID : 264330105649
		Status : Answered
		Chosen Option : 2
.20	In Table Tennis, how many lets are allowed in a row on a serve?	
ns	★ 1. Three	
	✓ 2. Unlimited	
	X 3. Two	
	X 4. One	
		Question ID : 26433059439
		Status : Not Answered Chosen Option :
		Chosen Option
.21	The value of GDP at the current prevailing prices is called	
ıns	✓ 1. nominal GDP	
	★ 2. current GDP	
	★ 3. domestic GDP	
	★ 4. real GDP	
		Question ID : 264330105372 Status : Answered
		Chosen Option : 1

Ans	★ 1. Mesolithic	
	X 2. Chalcolithic	
	★ 3. Neolithic	
	✓ 4. Palaeolithic	
		Question ID : 264330105163
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.23	The Maharashtra Department of Prisons has launch	ned a loan scheme for inmates
	serving sentences in jails across the state. This cre-	
Ans	√ 1. Jivhala	
	X 2. Kishore	
	🗙 3. Sukanya	
	🗙 4. Swavlamban	
		Question ID : 264330105283
		Status : Answered Chosen Option : 4
		Choosii Opaon . 4
Ans	X 1. TripuraX 2. Uttar Pradesh	
	 ✓ 3. Madhya Pradesh ✓ 4. Chhattisgarh	
	✓ 3. Madhya PradeshX 4. Chhattisgarh	
		Question ID : 26433064787
		Status : Not Answered
		Status : Not Answered Chosen Option :
	4. Chhattisgarh Which company has set up a factory on the banks of	Status : Not Answered Chosen Option :
	★ 4. ChhattisgarhWhich company has set up a factory on the banks of the company has a factory on the banks of the company has a factory of the company has a f	Status : Not Answered Chosen Option :
	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been	Status : Not Answered Chosen Option :
	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been decompany has a factory of the company has been decompany has been de	Status : Not Answered Chosen Option :
	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been decompany has a factory of the company has been decompany has been de	Status : Not Answered Chosen Option :
	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been decompany has a factory of the company has been decompany has been de	Status : Not Answered Chosen Option : Of river Hugli in 1651? Question ID : 264330105554 Status : Answered
	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been decompany has a factory of the company has been decompany has been de	Status : Not Answered Chosen Option : Of river Hugli in 1651? Question ID : 264330105554
Ans	 ★ 4. Chhattisgarh Which company has set up a factory on the banks of the company has been decompany has been decompany has a factory of the company has been decompany has been de	Status : Not Answered Chosen Option : Of river Hugli in 1651? Question ID : 264330105554 Status : Answered
Ans	Which company has set up a factory on the banks of ↑ 1. Danish ↑ 2. Portuguese ↑ 3. English ↑ 4. French	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans	Which company has set up a factory on the banks of	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans	Which company has set up a factory on the banks of 1. Danish ★ 2. Portuguese ♣ 3. English ★ 4. French On: Quantitative Aptitude If the ratio of corresponding sides of two similar triaratio of the area of the two triangles? ♣ 1. 3 : 2	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans	Which company has set up a factory on the banks of	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans Section	Which company has set up a factory on the banks of 1. Danish ★ 2. Portuguese ♣ 3. English ★ 4. French On: Quantitative Aptitude If the ratio of corresponding sides of two similar triaratio of the area of the two triangles? ♣ 1. 3 : 2	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans Section	Which company has set up a factory on the banks of	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans Section	Which company has set up a factory on the banks of 1. Danish ★ 2. Portuguese ♣ 3. English ★ 4. French If the ratio of corresponding sides of two similar triaratio of the area of the two triangles? ♠ 1. 3 : 2 ★ 2. 9 : 4 ★ 3. √3 : √2	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3
Ans	Which company has set up a factory on the banks of 1. Danish ★ 2. Portuguese ♣ 3. English ★ 4. French If the ratio of corresponding sides of two similar triaratio of the area of the two triangles? ♠ 1. 3 : 2 ★ 2. 9 : 4 ★ 3. √3 : √2	Status: Not Answered Chosen Option: Of river Hugli in 1651? Question ID: 264330105554 Status: Answered Chosen Option: 3

Q.2 Various expenditures incurred by a publishing company for publishing a book in 2018 are given in the following pie-chart. Study the chart and answer the question.

Expenditures of the company



Price printed on a book is 15% above the cost price. If the price printed on a book is ₹942, then the cost of paper for a single copy in ₹ is (rounded off to one decimal place)

Ans

- 1. ₹122.9
- ×2. ₹188.5
- × 3. ₹182.5
- X 4. ₹220.6

Question ID : 26433080060 Status : Answered Chosen Option : 1

Q.3 In a 100-m race, A beats B by 20 m and B beats C by 20 m. By how much distance does A beat C.

Ans X 1. 64 m

- X 2. 24 m
- X 3. 25 m
- √ 4. 36 m

Question ID : 26433075276

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 If one man or two women or four boys or five girls can finish a work in 39 days, then how many days will one man, one woman, one boy and one girl together take to finish the same work?

Ans X 1.40

- **X** 2. 10
- **X** 3. 30
- **4**. 20

Question ID : 26433079895 Status : Not Answered

Chosen Option : --

Q.5 The value of cot 15° cot 25° cot 45° cot 75° cot 65° is:

Ans

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

Question ID: 26433081628 Status: Answered

Chosen Option : 1

Q.6 In triangle PQR, right angled at Q, if cot $P = \sqrt{3}$, then the value of sin P is:

Ans

Question ID: 26433061178

Status : **Answered**

Chosen Option : 4

Q.7 The difference of two numbers is 1564. After dividing the larger number by the smaller, we get 6 as quotient and 19 as remainder. What is the smaller number?

Ans

- X 1. 456
- **X** 2. 287
- **X** 3. 623
- **4**. 309

Question ID: 26433063766

Status: Not Answered

Chosen Option: --

Q.8 If a + b + c = 6, $a^2 + b^2 + c^2 = 14$ and ab + bc + ca = 11, then what is the value of $a^3 + b^3 + c^3$ -3abc?

- Ans X 1. 31
 - **X** 2. 12
 - **3**. 18
 - **X** 4. 42

Question ID: 26433065325

Status: Answered

Ans	X 1.7 cm	
	X 2. 9 cm	
	√ 3. 8 cm	
	X 4. 4 cm	
		Question ID : 26433074484 Status : Answered
		Chosen Option : 3
Q.10	Side of an equilateral triangle is 24 equilateral triangle?	cm. What will be the radius of in circle of this
Ans	× 1.6 cm	
	X 2. 12 cm	
	✓ 3. 8 cm	
	X 4. 3 cm	
	A. 9 OIII	
		Question ID : 264330105839
		Status : Not Attempted and Status : Marked For Review
		Chosen Option :
	The second second	
	X 4 3524 25 cm ³	
	★ 4. 3524.25 cm ³	
	★ 4. 3524.25 cm ³	Question ID : 264330105887
	★ 4. 3524.25 cm ³	Status : Answered
	X 4. 3524.25 cm ³	
	In an election between two candida winner by obtaining 68% of the tota	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
	In an election between two candida	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
	In an election between two candida winner by obtaining 68% of the tota was the total number of voters who	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
	In an election between two candida winner by obtaining 68% of the tota was the total number of voters who	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
	In an election between two candida winner by obtaining 68% of the tota was the total number of voters who 1. 5280 2. 8000 3. 4000	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
	In an election between two candida winner by obtaining 68% of the tota was the total number of voters who 1.5280	Status : Answered Chosen Option : 1 ates, 12% of voters did not cast their votes. The al votes defeated his contestant by 2880 votes. What
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Q.13 A cuboid of length 36 m, breadth 18 m and height 9 m is melted and recast into a cube. Find the length of the diagonal of the cube.

Ans

$$\times$$
 2. 15 $\sqrt{3}$ m

$$\times$$
 4. 17 $\sqrt{3}$ m

Question ID : 26433065028 Status : Answered Chosen Option : 1

Q.14 The following table shows the number of delivery partners (in thousands) who joined five different companies during six different years.

Year	Companies				
	Emazon	Clipkart	Twiggy	Tomato	Pyntra
2016	2.4	4.5	1.2	0.9	4.2
2017	1.8	5.4	1.5	1.2	5.6
2018	3.2	7.2	2.4	2.1	6.3
2019	3.9	5.6	2.8	2.7	6.5
2020	4.2	6.4	3.2	3.3	7.0
2021	5.0	7.2	3.6	3.6	7.2

Find the percentage increase in the number of delivery partners that joined Pyntra from 2017 to 2021.

Ans

× 2. 25.87%

× 3. 27.58%

4. 28.57%

Question ID : 26433076414 Status : Answered

Chosen Option : 4

Q.15 Simplify the following.

 $762 \times 762 \times 762 + 316 \times 316 \times 316$

762×762-762×316+316×316

Ans X 1. 1064

X 2. 1056

X 3. 1042

4. 1078

Question ID : 26433080388 Status : Answered

Q.16 The price of some wooden furniture increases by 65% when it passes through three hands. If the first and second sellers made a profit of 20% and 25%, respectively, then find the profit percentage of the third seller.

X 2. 12.5%

X 3. 16%

X 4.8%

Question ID : 26433065273 Status : Answered

Chosen Option: 1

Q.17 What is the ratio of the fourth proportional of 2, 5, 6 and the fourth proportional of 6, 8,

91

Ans X 1.3:2

X 2.5:3

X 3. 3 : 4

4.5:4

Question ID : 26433064986 Status : Answered

Chosen Option : 4

Q.18 If a man travels at $\frac{1}{x}$ km/h on a journey and returns at $\frac{1}{x^2}$ km/h, then his average speed for the journey is:

Ans

$$\times$$
 1. $\frac{x+1}{x^2}$

$$\checkmark$$
 2. $\frac{2}{x+x^2}$

$$\times$$
 3. $\frac{1}{x+x^2}$

$$\times$$
 4. $\frac{2x^2}{x+1}$

Question ID : 26433061611

Status : Answered

Chosen Option : 2

Q.19

If
$$k^4 + \frac{1}{k^4} = 194$$
, then what is the value of $k^3 + \frac{1}{k^3}$?

Ans X 1. 42

Question ID : 264330105947

Status : Answered

Q.20 The HCF of two numbers 2040 and 391 is:

Ans 🚀 1. 17

X 2. 21

X 3. 16

X 4. 18

Question ID: 26433079817 Status: Marked For Review

Chosen Option: 1

Q.21 What annual instalment will discharge a debit of ₹5,664 in 4 years at 12% simple interest?

Ans X 1. ₹1,230

X 2. ₹1,210

√ 3. ₹1,200

X 4. ₹1,220

Question ID: 26433076097 Status: Not Answered

Chosen Option : --

Q.22 The table given below shows the production of five companies in two years.

	Ye	ears
Company	Y1	Y2
A	50	100
В	90	120
C	30	80
D	80	50
Е	20	40

J1= The average production of A in year Y1 and Y2. J2 = Sum of production of B, C and D in year Y1 and Y2. What is the value of (J2/J1)?

Ans X 1.4

X 2. 5

X 3. 3

4. 6

Question ID : 264330105711 Status : Answered

Q.23 Study the given table and answer the question that follows.

Find the difference between the number of female students and male students who opted biology in school C.

School name	Total number of students	Percentage of enrolled	Ratio of male to female
	enrolled	students, opted Biology	students who opted Biology
A	900	30	7:8
В	400	38	9:10
C	1000	24	1:2
D	800	18	5:7

X 1. 240

X 2. 160

X 3. 200

4. 80

Question ID: 26433092151 Status : Answered

Chosen Option : 1

Q.24 How far will the tip of a 2cm-long minute hand of a clock move in 45 minutes?

Ans × 1. π cm

2. 3π cm

× 3. 4π cm

X 4. 2π cm

Question ID: 26433061605

Status : Answered

Chosen Option : 2

Q.25 Sunil purchased a fan at a 10% discount on the labelled price. If he had purchased it at a 15% discount, he would have saved ₹400. Find the labelled price of the fan.

Ans

X 1. ₹8,400

× 2. ₹7,500

× 3. ₹800

4. ₹8,000

Question ID: 26433076183

Status : Answered

Chosen Option: 4

Section : English Comprehension

Q.1 Select the option that can be used as a one-word substitute for the given group of words/phrase.

Adjust or make right; correct, amend

Ans

X 1. Recruit

X 2. Recreate

X 3. Recourse

4. Rectify

Question ID: 26433059785

Status : Answered

Q.2 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative. Be it a chaat or a refreshing lemonade, lemon is the need of the hour in summers. Ans X 1. banging X 2. freezing 3. scorching X 4. alleviating Question ID : 264330104761 Status: Answered Chosen Option: 3 Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. They will go to bed / early since they / have to get up / at five on the morning. X 1. have to get up Ans 2. at five on the morning X 3. They will go to bed X 4. early since they Question ID : 26433092266 Status : Answered Chosen Option : 2 Q.4 Select the sentence with the appropriate use of preposition. Ans X 1. It has been raining till morning. X 2. It has been raining from morning. X 3. It has been raining by morning. 4. It has been raining since morning. Question ID: 26433073897 Status : Answered Chosen Option: 4 Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence. Our office is in the 2^{nd} floor of the skyscraper. Ans X 1. is for the 2nd floor 2. is on the 2nd floor X 3. is with the 2nd floor X 4. is at the 2nd floor Question ID: 26433088747 Status: Answered Chosen Option: 2

Q.6	6 Select the option that can be used as a one-word substitute for the given group of words.			
A===	Having or showing an excessively high opinion of one's appearance, abilities, or worth			
Ans				
	✓ 2. Vain X 3. Otiose			
	X 4. Domineering			
	7 4. Dominieering			
		Question ID : 26433070669		
		Status : Answered		
		Chosen Option : 4		
Q.7	Select the most appropriate option to complete the given sentence. One must learn to a line between one's private and pro			
Ans	✓ 1. draw			
	X 2. catch			
	★ 3. bring			
	★ 4. get			
		Over 15 in 15 20 1000 1700		
		Question ID : 26433084706 Status : Answered		
		Chosen Option : 1		
	Coloot the aution that are he would be a second or betite to for the	arkana aranan af		
Q.8	Select the option that can be used as a one-word substitute for the words.	given group of		
	The date when both, day and night are of approximately equal length	th		
Ans	X 1. Equilibrium			
	X 2. Equine			
	X 3. Equator			
	✓ 4. Equinox			
		Question ID : 26433070707		
		Status : Answered		
		Chosen Option : 4		
Q.9	Select the most appropriate meaning of the given idiom.			
	Beat around the bush			
Ans	✗ 1. Avoid praising someone and demean			
	2. Avoid the main point by talking in a roundabout way			
	✗ 3. Avoid saying what you mean, usually because it is not funny			
	★ 4. Avoid using foul words to make someone uncomfortable			
		Question ID : 26433070649		
		Status : Answered		
		Chosen Option : 2		

Q.10 Select the INCORRECTLY spelt word. Ans X 1. Belief 2. Beneth X 3. Belly X 4. Bellow Question ID: 26433060907 Status : Answered Chosen Option: 2 Q.11 Select the most appropriate ANTONYM of the underlined word. Regardless of their diversity, all flowers have a uniform function, the reproduction of the species through the production of seed. X 1. Melancholy X 2. Equilibrium X 3. Affinity 4. Uniformity Question ID: 26433061570 Status : Answered Chosen Option: 4 Q.12 Select the most appropriate synonym of the underlined word in the following Visiting a book fair always fills my heart with a great satisfaction. X 1. refreshment X 2. pride 3. contentment X 4. bliss Question ID: 26433066415 Status: Answered Chosen Option: 3 Q.13 Select the correct active form of the given sentence. Was the message given by him? X 1. Was he given the message? Ans X 2. Does he give the message? X 3. Did he gave the message? Question ID: 264330104581 Status: Answered Chosen Option: 3 Q.14 Select the most appropriate synonym of the given word. Deliberate X 1. Casual Ans X 2. Hasty 3. Planned X 4. Rushed Question ID: 26433071872 Status : Answered Chosen Option: 3

Q.15 Select the correct indirect form of the given sentence. She said, "She must leave all the bad habits." Ans X 1. She said she has to leave all the bad habits 2. She said that she must have leave all the bad habits 3. She said that she had to leave all the bad habits. X 4. She said that she could leave all the bad habits Question ID: 264330104621 Status : Answered Chosen Option: 3 Q.16 Select the most appropriate synonym of the given word. Magnify Ans 1. Expand X 2. Magnanimous X 3. Miniature X 4. Underemphasise Question ID: 26433071870 Status : Answered Chosen Option: 1 Q.17 Choose the incorrectly spelt word. Ans X 1. Clemency 2. Avariciuos X 3. Hegemony X 4. Nostalgic Question ID: 264330104751 Status: Answered Chosen Option: 2 Q.18 Select the option that expresses the given sentence in passive voice. All his friends laughed at him. X 1. He became laughable to his friends. Ans 2. He was laughed at by all his friends. 3. His friends were being laughed at by him. X 4. All his friends were laughing at him. Question ID: 26433097539 Status: Answered Chosen Option: 2 Q.19 Select the option that can be used as a one-word substitute for the given group of words. One who has the ability to do many different things 1. Versatile Ans X 2. Adaptable X 3. Expert X 4. Specialist Question ID : 26433060906 Status: Answered Chosen Option: 1

Q.20	O Rearrange the parts of the sentence in correct order. There are P. reports that toy shops and other Q. to prepare for the Christmas rush R. non-food retailers are struggling to S. get enough stock into their warehouses	
Ans		
	✓ 2. PRSQ	
	→ 3. SQRP	
	X 4. QRPS	
		Question ID : 264330104682
		Status : Answered Chosen Option : 2
	Comprehension:	
	In the following passage, some words have been deleted. Read the passage select the most appropriate option to fill in each blank.	carefully and
	Memory loss, with aging, is (1) a natural and normal (2) The range from forgetting simple daily life activities and (3) familiar tasks or baking. However, there can be several other factors (4) for it and the person to person. Memory loss can be (5) or total depending upon the	such as driving these vary from
	SubQuestion No : 21	
	1 Select the most appropriate option to fill in blank number 1.	
Ans		
	X 2. denied	
	X 3. regard	
	√ 4. considered	
		Question ID : 26433088114
		Status : Answered
		Chosen Option : 4
	Comprehension:	
	In the following passage, some words have been deleted. Read the passage select the most appropriate option to fill in each blank.	carefully and
	Memory loss, with aging, is (1) a natural and normal (2) The range from forgetting simple daily life activities and (3) familiar tasks or baking. However, there can be several other factors (4) for it and person to person. Memory loss can be (5) or total depending upon the	such as driving these vary from
	SubQuestion No : 22	
	2 Select the most appropriate option to fill in blank number 2.	
Ans	• •	
	X 2. type	
	X 3. method	
	✓ 4. process	
		Question ID : 26433088115
		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.			
	Memory loss, with aging, is (1) a natural and normal (2) The symptoms			
	range from forgetting simple daily life activities and (3) familiar to baking. However, there can be several other factors (4) for it a	asks such as driving and these vary from		
	person to person. Memory loss can be (5) or total depending upon	n the condition.		
	SubQuestion No: 23			
Q.23	Select the most appropriate option to fill in blank number 3.			
Ans	X 1. prospering			
	× 2. acknowledging			
	X 3. rectifying			
	✓ 4. performing			
	•			
		Question ID : 26433088116		
		Status : Marked For Review		
		Chosen Option : 3		
	Communications			
	Comprehension: In the following passage, some words have been deleted. Read the pass	age carefully and		
	select the most appropriate option to fill in each blank.	age outeruny and		
	Memory loss, with aging, is (1) a natural and normal (2)	. The symptoms		
	range from forgetting simple daily life activities and (3) familiar to baking. However, there can be several other factors (4) for it a	asks such as driving		
	person to person. Memory loss can be (5) or total depending upon			
	SubQuestion No : 24			
Q.24	Select the most appropriate option to fill in blank number 4.			
Ans	X 1. commendable			
	✓ 2. responsible			
	X 3. affluent			
	X 4. significance			
	4. Significance			
		Question ID : 26433088117		
		Status : Answered		
		Chosen Option : 2		
	Comprehension: In the following passage, some words have been deleted. Read the pass	ago carafully and		
	select the most appropriate option to fill in each blank.	age carefully and		
	Memory loss, with aging, is (1) a natural and normal (2) The symptoms			
	ange from forgetting simple daily life activities and (3) familiar tasks such as driving			
	or baking. However, there can be several other factors (4) for it a person to person. Memory loss can be (5) or total depending upon			
	SubQuestion No : 25			
Q.25	SubQuestion No : 25 Select the most appropriate option to fill in blank number 5.			
Ans	✓ 1. partial			
	× 2. partially			
	X 3. completely			
	X 4. incomplete			
		Question ID : 26433088118		
		Status : Answered		
	Chosen Ontion: 1			