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

X 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 1. Father X 2. Wife 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

X 1.5 Ans

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)

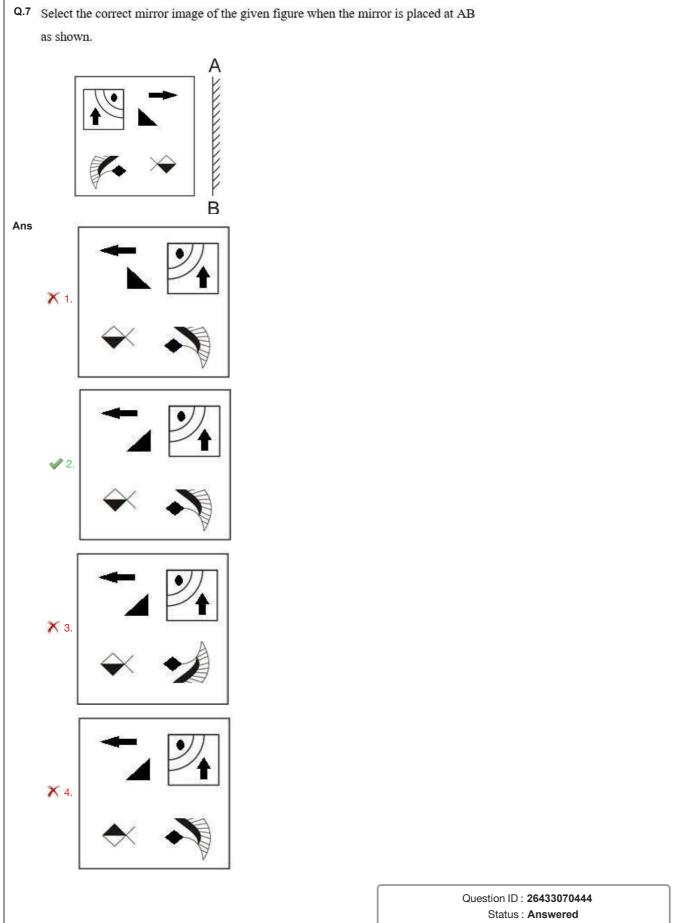
X 3. (19, 23, 511)

4. (27, 15, 198)

Question ID: 26433074561

Status : Not Attempted and

Marked For Review



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

Ans X 1. - + ÷

÷ 🎺 2. - +

×÷

X 3. - + × ×

X 4. + - + ×

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)

Ans

√ 1. 3 – 44

X 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 -

Ans

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

 \times 2. 4 × 6 + 7 – 3 ÷ 1 = 20

X 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

Ans X 1. LSQJ

X 2. LTRK

X 3. LSQK

√ 4. LTQJ

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

 \times 3. P × Q + R

 \times 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

M — N

Ans

× - FDcA15

⁵ J D c A L 5

³ F D o A L 5

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.

X 3. All conclusions follow.

X 4. Only conclusions I and III follow.

Question ID: 26433070396

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:? Ans 1. Armoury 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) (30, 93, 1)(42, 132, 2)Ans X 1. (4,60,5) X 2. (5,31,29) X 3. (14,20,25) **4**. (3,30,7) Question ID: 26433079117 Status : Not Attempted and **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 Ans 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 X 2. DAJQD X 4. WZQJX Question ID: 26433067330 Status: Answered Chosen Option: 3 Q.20 Select the figure that will come next in the following series. $X = \Delta$ = **△** X **∆** X = Ans $\Delta = X$ = X 🛆

 $\Delta X =$

x **△** =

Question ID: 26433078975 Status: Answered

Q.21 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'. Figure 1 Figure 2 Figure 3 Ans X 1.5 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. \Rightarrow Ans D X 1. **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 followe conclusions based on those statements. Taking the given statement they seem to be at variance from commonly known facts. Read all then decide which of the given conclusion logically follows the given statements: I. Some L are R. II. Some A are R. Conclusion: I. All A are L. II. All R are L. X 1. Only conclusion I follows 2. Neither conclusion follows 3. Only conclusion II follows 4. Both conclusions I and II follows	nts to be true even if he conclusions and
		Question ID : 264330104912
		Status : Answered
		Chosen Option : 2
Q.24 Ans	In a certain code language, 'EARLY' is written as 'ZNSCF' and 'GAUC' 'FIVCH'. How will 'INBOX' be written in that language? X 1. YQCQJ X 2. JPCQY	GE' is written as
	★ 4. XPBOI	
		Question ID : 26433067298 Status : Answered Chosen Option : 3
Q.25	After arranging the given words according to dictionary order, which 'Third' position? 1. Sickle 2. Sickly 3. Sick 4. Sicken 5. Sickness 1. Sick	h word will come at
	✓ 2. Sickle	
	X 3. Sicken	
	X 4. Sickly	
		Question ID : 264330104893 Status : Answered Chosen Option : 2
Section	on : General Awareness	
Q.1	Who among the following is known as a pioneering dance education prominent Mohiniyattam exponent?	nist and a
Ans	X 1. Madhavi Mudgal	
	X 2. Shagun Butani	
	X 3. Mohanrao Kallianpurkar	
	✓ 4. Dr Kanak Rele	
		Question ID : 26433082133 Status : Not Answered Chosen Option :

	According to Mendeleev's periodic table, what was the atomi- which was later replaced by Gallium?	c mass of Eka-aluminium
Ans	X 1.95	
	× 2.83	
	✓ 3.68	
	X 4.50	
		Question ID : 26433064087
		Status : Not Answered Chosen Option :
		·
۱ 3.3	What is the outermost layer found in the cell envelope of the	bacterial cell called?
ıns	✓ 1. Glycocalyx	
	X 2. Cell membrane	
	X 3. Plasma membrane	
	X 4. Cytoplasm	
		Question ID : 26433087869
		Status : Answered
		Chosen Option: 2
۷.4 کی	Which of the following Indian classical dance forms uses var symbolise the characters?	ious colours on face to
เทร	X 1. Odissi	
	✓ 2. Kathakali	
	X 3. Bharatanatyam	
	X 4. Mohiniattam	
		Question ID : 26433064646
		Status : Answered
		Chosen Option : 3
Q.5 F	President Droupadi Murmu has appointed Dr. Justice Dhanan	ıjaya Yashwant
	Chandrachud as theChief Justice of India.	
ıns	✓ 1.50th	
	X 2. 51st	
	X 3. 48th	
	X 4.49th	
		Question ID : 264330105215
		Status : Answered
		Chosen Option : 1
		ital Duties?
	Which Part of the Constitution of India reflects the Fundamer	
	X 1. Part X	
	X 1. Part X X 2. Part XII	
	X 1. Part XX 2. Part XII✓ 3. Part IV-A	
	X 1. Part X X 2. Part XII	
Q.6 \ Ans	X 1. Part XX 2. Part XII✓ 3. Part IV-A	Question ID : 26433074893
	X 1. Part XX 2. Part XII✓ 3. Part IV-A	Question ID : 26433074893 Status : Answered

	Vhen did the Mongol ruler Genghis Khan die?	
ıns	X 1. 1219	
	× 2. 1210	
	× 3. 1235	
	✓ 4. 1227	
		Question ID : 264330105430
		Status : Marked For Review
		Chosen Option: 4
	How many maximum electrons can M shell have?	
Ans	√ 1. 18	
	X 2.8 X 3.1	
	X 4.2	
	4.2	
		Question ID : 26433086744
		Status : Answered
		Chosen Option : 1
Ans	Merchants and migrants first brought the teachings of the holy Quencentury. 1. fourth 2. seventh 3. ninth 4. sixth	
		Ougstion ID : 26/330105/01
		Question ID : 264330105401 Status : Answered
	In 1955, which synthetic element is provisionally named Mendele Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106	Status : Answered Chosen Option : 3
	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3
	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered
	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080
Ans	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans Q.11	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans Q.11	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans Q.11	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa 1. Atlantic 2. Antarctic	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3
Ans	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa 1. Atlantic 2. Antarctic 3. Arctic	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3 st.
Ans	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa 1. Atlantic 2. Antarctic 3. Arctic	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3 st. Question ID : 264330105595
Ans	Dmitri Mendeleev, who created one of the first periodic tables? 1. Element 90 2. Element 101 3. Element 103 4. Element 106 In Trans – Siberian railway system Vladivostoclies oncoa 1. Atlantic 2. Antarctic 3. Arctic	Status : Answered Chosen Option : 3 vium in honor of Question ID : 26433064080 Status : Answered Chosen Option : 3 st.

Q.12 The crop area under high yielding varieties of which amongst the following crop grew considerably during the Green Revolution? X 1. Sugarcane Ans 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? 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 X 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? 1. Poor conductor Ans X 2. Semi- conductor X 3. Good conductor 4. very good conductor Question ID: 26433086698 Status: Answered Chosen Option: 1

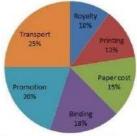
	In which of the following months did the Australian Open take place	e in 2022?
Ans	X 1. February	
	X 2. March	
	✓ 3. January	
	× 4. April	
		Question ID : 26433070836
		Status : Answered
		Chosen Option : 3
Q.18 Ans	Which of the following is celebrated as the "Tibetan New Year"? 1. Lohang	
Alla	2. Losar	
	X 3. Myoko	
	X 4. Murung	
	4. Murung	
		Question ID : 26433071459
		Status : Not Answered
		Chosen Option :
Q.19	Which layer of atmosphere helps in radio transmission?	
Ans	X 1. Exosphere	
	✓ 2. Thermosphere	
	X 3. Mesosphere	
	X 4. Stratosphere	
		Question ID : 264330105649
		Status : Answered Chosen Option : 2
		Onosen Option . 2
Q.20	In Table Tennis, how many lets are allowed in a row on a serve?	
	In Table Tennis, how many lets are allowed in a row on a serve? 1. Three	
	★ 1. Three✓ 2. Unlimited	
	★ 1. Three★ 2. Unlimited★ 3. Two	
	★ 1. Three✓ 2. Unlimited	
	★ 1. Three★ 2. Unlimited★ 3. Two	Ougotion ID : 26422059429
	★ 1. Three★ 2. Unlimited★ 3. Two	Question ID : 26433059439 Status : Not Answered
	★ 1. Three★ 2. Unlimited★ 3. Two	
Ans	★ 1. Three★ 2. Unlimited★ 3. Two★ 4. One	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called ✓ 1. nominal GDP X 2. current GDP 	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called ✓ 1. nominal GDP X 2. current GDP X 3. domestic GDP 	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called ✓ 1. nominal GDP X 2. current GDP 	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called ✓ 1. nominal GDP X 2. current GDP X 3. domestic GDP 	Status : Not Answered
Ans	 X 1. Three ✓ 2. Unlimited X 3. Two X 4. One The value of GDP at the current prevailing prices is called ✓ 1. nominal GDP X 2. current GDP X 3. domestic GDP 	Status : Not Answered Chosen Option :

Q.22	During which of the following period Ostriches were found in India	?
Ans	X 1. Mesolithic	
	X 2. Chalcolithic	
	X 3. Neolithic	
	✓ 4. Palaeolithic	
		Question ID : 264330105163
		Status : Answered Chosen Option : 2
		Chosen Option . 2
2.23	The Maharashtra Department of Prisons has launched a loan sche serving sentences in jails across the state. This credit scheme is t	me for inmates tled
Ans	√ 1. Jivhala	
	X 2. Kishore	
	X 3. Sukanya	
	X 4. Swavlamban	
		Question ID : 264330105283
		Status : Answered
		Chosen Option : 4
D.24	In which state is the Maihar court where Baba Allauddin Khan was	a musician?
Ans	X 1. Tripura	
	X 2. Uttar Pradesh	
	X 4. Chhattisgarh	
	4. Crinatusgam	
		Question ID : 26433064787
		Status : Not Answered
		Chosen Option :
Q.25 Ans	Which company has set up a factory on the banks of river Hugli in 1. Danish	1651?
Alis	X 2. Portuguese	
	X 4. French	
		Question ID : 264330105554
		Status : Answered
		Chosen Option: 3
ection	: Quantitative Aptitude	
		the control of the the
	f the ratio of corresponding sides of two similar triangles is $\sqrt{3}:\sqrt{2}$ ratio of the area of the two triangles?	then what is the
Ans	√ 1.3:2	
	X 2.9:4	
	X 3.√3:√2	
	X 4. 27 : 8	
	4.21:0	
		Question ID : 264330105821
		Status : Answered
		Chosen Option : 1

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

× 2. ₹188.5

X 3. ₹182.5

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

Q.5 The value of cot 15° cot 25° cot 45° cot 75° cot 65° is: Ans √ 1. 1. √3 X 3. 2 **4**. √2

> Question ID: 26433081628 Status: Answered Chosen Option: 1

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

	X 1.7 cm	
	7. 7 CIII	
	X 2.9 cm	
	✓ 3.8 cm	
	X 4.4 cm	
		Question ID : 26433074484
		Status : Answered
		Chosen Option : 3
	side of an equilateral triangle is 24 cm. What will be the radius of in equilateral triangle?	circle of this
Ans	X 1.6 cm	
	X 2. 12 cm	
	√ 3. 8 cm	
	X 4.3 cm	
		Question ID : 264330105839
		Status : Not Attempted and Marked For Review
		Chosen Option :
Q.11 T	The radius of a right circular cylinder is five times of its height. If the cylinder is 3.5 cm, then what is the volume of cylinder?	e height of the
Ans	√ 1. 3368.75 cm ³	
	X 2. 3872.75 cm ³	
	X 3. 3146.75 cm ³	
	X 4. 3524.25 cm ³	
	•	
		Question ID : 264330105887
		Status : Answered
		Chosen Option : 1
W	an election between two candidates, 12% of voters did not cast the vinner by obtaining 68% of the total votes defeated his contestant by the total number of voters who cast their votes in the election?	by 2880 votes. What
Ans	✓ 1.5280	
	X 2.8000	
	X 3. 4000	
	X 4.6000	
	4.6000	
	4. 6000	
	4. 0000	Question ID : 26433075347
	4. 6000	
	4. 0000	Question ID : 26433075347 Status : Not Attempted and Marked For Review Chosen Option :

Q.9 The length of the tangent to a circle from a point P is 15 cm. Point P is 17 cm away

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

$$✓$$
 1. 18 $\sqrt{3}$ m

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

3.
$$12 \sqrt{3} \text{ m}$$

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

4. 28.57%

Question ID : 26433076414 Status : Answered

Chosen Option: 4

Q.15 Simplify the following.

762×762×762+316×316×316 762×762-762×316+316×316

Ans

1.1064

× 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.

Ans

1.10%

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,

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:

$$x = \frac{x+1}{x^2}$$

$$\checkmark$$
 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

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

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

Ans 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?

2. 3π cm

X 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.

× 1. ₹8,400

× 2. ₹7,500

X 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

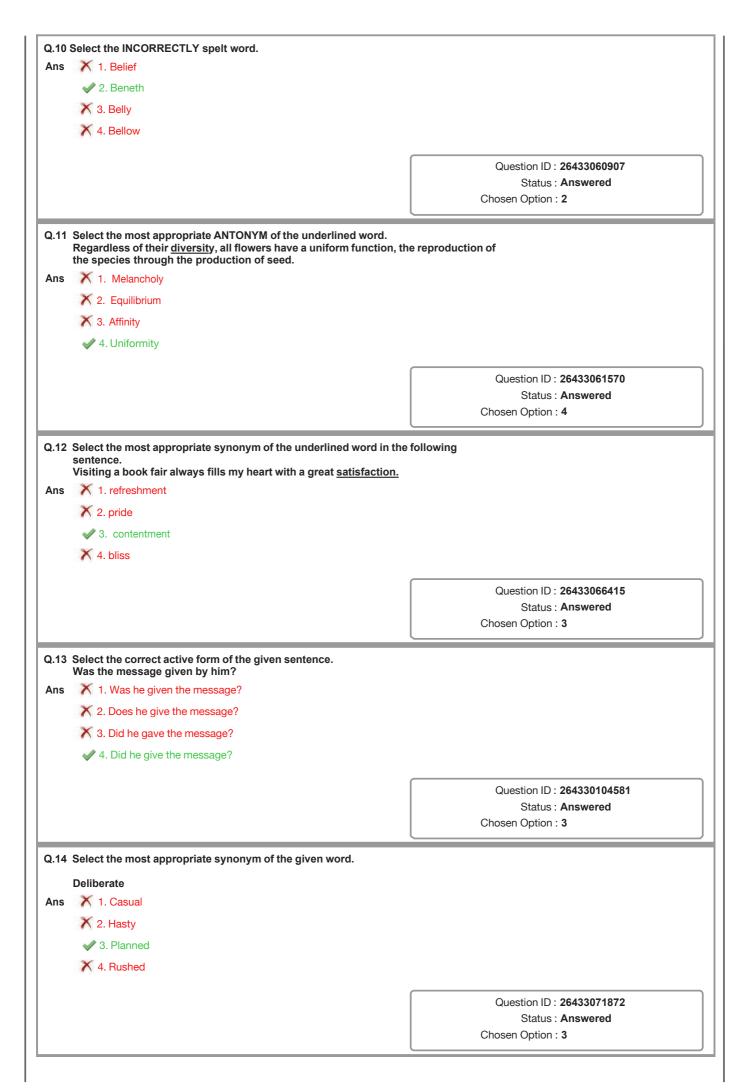
4. Rectify

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. Ans X 1. have to get up 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. 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 2nd floor of the skyscraper. 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 Select the option that can be used as a one-word substitute for the given group of Having or showing an excessively high opinion of one's appearance, abilities, or worth X 1. Superior Ans 2. Vain X 3. Otiose X 4. Domineering Question ID: 26433070669 Status: Answered Chosen Option: 4 Q.7 Select the most appropriate option to complete the given sentence. a line between one's private and professional life. One must learn to_ √ 1. draw Ans X 2. catch X 3. bring X 4. get Question ID: 26433084706 Status: Answered Chosen Option: 1 Q.8 Select the option that can be used as a one-word substitute for the given group of words. The date when both, day and night are of approximately equal length X 1. Equilibrium Ans 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 X 1. Avoid praising someone and demean 2. Avoid the main point by talking in a roundabout way X 3. Avoid saying what you mean, usually because it is not funny X 4. Avoid using foul words to make someone uncomfortable Question ID: 26433070649 Status: Answered Chosen Option: 2



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 X 2. She said that she must have 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. Ans X 1. He became laughable to his friends. 2. He was laughed at by all his friends. X 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 Ans 1. Versatile

X 2. Adaptable

X 3. Expert

X 4. Specialist

Question ID : 26433060906 Status : Answered Chosen Option : 1

Q.20	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 X. 1. RPSQ	
Alis	✓ 2. PRSQ	
	X 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 pas andselect the most appropriate option to fill in each blank.	sage carefully
	range from forgetting simple daily life activities and (3)familiar t drivingor baking. However, there can be several other factors (4)	The symptoms asks such as _for it and these lepending upon the
	SubQuestion No : 21	
	Select the most appropriate option to fill in blank number 1.	
Ans	X 1. consider	
	X 2. denied	
	X 3. regard	
	✓ 4. considered	
		Outsetion ID - 90422999444
		Question ID : 26433088114 Status : Answered
		Chosen Option : 4
	Comprehension:	
	In the following passage, some words have been deleted. Read the pas and select the most appropriate option to fill in each blank.	sage carefully
	Memory loss, with aging, is (1)a natural and normal (2)_range from forgetting simple daily life activities and (3)familiar t drivingor baking. However, there can be several other factors (4)_vary fromperson to person. Memory loss can be (5)or total condition.	asks such as _for it and these
	SubQuestion No : 22	
Q.22	Select the most appropriate option to fill in blank number 2.	
Ans	X 1. trial	
	X 2. type	
	X 3. method	
	√ 4. process	
		Question ID : 26433088115 Status : Answered Chosen Option : 4
		Onosen Option . 4

	Comprehension:			
	In the following passage, some words have been deleted. Read the passage.	ssage carefully		
	andselect the most appropriate option to fill in each blank.			
	Memory loss, with aging, is (1)a natural and normal (2)			
	range from forgetting simple daily life activities and (3)familiar drivingor baking. However, there can be several other factors (4)			
	vary fromperson to person. Memory loss can be (5)or total			
	condition.			
	SubQuestion No : 23			
	Select the most appropriate option to fill in blank number 3.			
Ans	X 1. prospering			
	X 2. acknowledging			
	X 3. rectifying			
	✓ 4. performing			
		Question ID : 26433088116		
		Status : Marked For Review Chosen Option : 3		
		Chosen Option . •		
	Comprehension:	acces county llv.		
	In the following passage, some words have been deleted. Read the pas andselect the most appropriate option to fill in each blank.	ssage carefully		
	Memory loss, with aging, is (1)a natural and normal (2)	The symptoms		
		The symptoms tasks such as		
	drivingor baking. However, there can be several other factors (4)			
	vary fromperson to person. Memory loss can be (5)or total depending upon the condition.			
	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			
	The organization			
		Question ID : 26433088117		
		Status : Answered		
		Chosen Option : 2		
	Comprehension:			
	In the following passage, some words have been deleted. Read the passage.	ssage carefully		
	andselect 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 drivingor baking. However, there can be several other factors (4)			
	vary fromperson to person. Memory loss can be (5)or total	depending upon the		
	condition.			
	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			
		Question ID : 26433088118 Status : Answered Chosen Option : 1		