Combined Graduate Level Examination 2021 Tier - I

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

Section: General Intelligence and Reasoning

Q.1 In a certain code language, 'so it be' is written as 'lor kor nor', 'it is done' is written as 'zor kor tor', and 'be yourself' is written as 'nor xor'. How will 'so' be written in that language?

Δns

- ✓ 1. lor
- X 2. kor
- **X** 3. xor
- X 4. nor

Question ID : 65497843985 Status : Answered

Chosen Option: 1

Q.2 Seven friends, Subhi, Prince, Ketan, Vishal, Mahima, Krish and Naitik, are sitting around a circular table with their backs towards the centre. Subhi is sitting to the immediate right of Prince. Naitik and Krish are not sitting to the immediate left or right of Vishal. Vishal is sitting third to the left of Prince. Mahima is sitting to the immediate right of Vishal. Who is sitting third to the right of Prince?

Λne

- X 1. Naitik
- X 2. Krish
- 🥒 3. Ketan
- 🔀 4. Mahima

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Question ID: 65497842574 Status: Not Answered

Chosen Option: --

Q.3 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the given equation correct.

Anc

- X 1. =, ×, +, ÷, -
- X 2. +, ÷, -, =, ×
- X 3. x, ÷, =, -, +
- √ 4. =, -, +, ÷, ×

Question ID: 65497842683

Status: Not Answered

Q.4 Which two signs need to be interchanged to make the following equation correct?

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

Ans X 1. - and +

X 2. + and ×

X 3. ÷ and -

✓ 4. – and ×

Question ID: 65497842581 Status: Not Answered

Chosen Option: --

Q.5 There are seven members, B, C, D, E, F, G and H, in a family. H is the only daughter-in-law of D. E is the sister of C. C is the only son of F, who is the wife of D. B and G are the sons of H. How is G related to F?

Ans X 1. Father

X 2. Son

3. Grandson

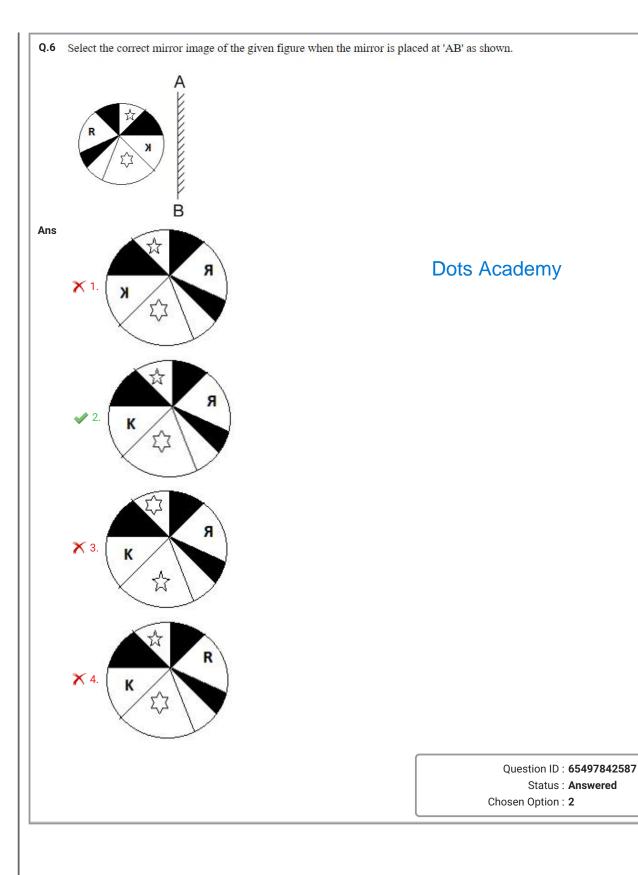
X 4. Brother

Question ID: 65497842573

Status: Answered

Chosen Option: 3

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Q.7 Select the set of classes the relationship among which is best illustrated by the given Venn diagram.



Ans

➤ 1 Potato, Peach, Vegetables

➤ 2. Doctors, Singers, Extroverts

3. Peso, Currency, Taka

× 4. Natural numbers, Integers, Real numbers

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Question ID: 65497844407

Status: Answered

Chosen Option: 3

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

 ${\tt j_m\,b_a_u_b_a\,d\,j_m_b_d}$

Ans X 1. u b m j m b u b a

X 2. u b d j m b j b a

X 3. u b d j m b u m a

Question ID: 65497844638

Status: Answered

Chosen Option: 4

Q.9 A cube of side 80 cm is painted yellow on all the faces and then cut into smaller cubes of sides 8 cm each. Find the number of smaller cubes having all the three faces painted.

Ans

X 1. 64

X 2. 28

√ 3. 8

X 4. 32

Question ID: 65497842686

Status: Not Answered

Chosen Option: --

Q.10 Select the option that is related to the third term in the same way as the second term is related to the first term.

UPRIGHT: PUVEKTH:: DESTROY:?

1. EDWPVYO Ans

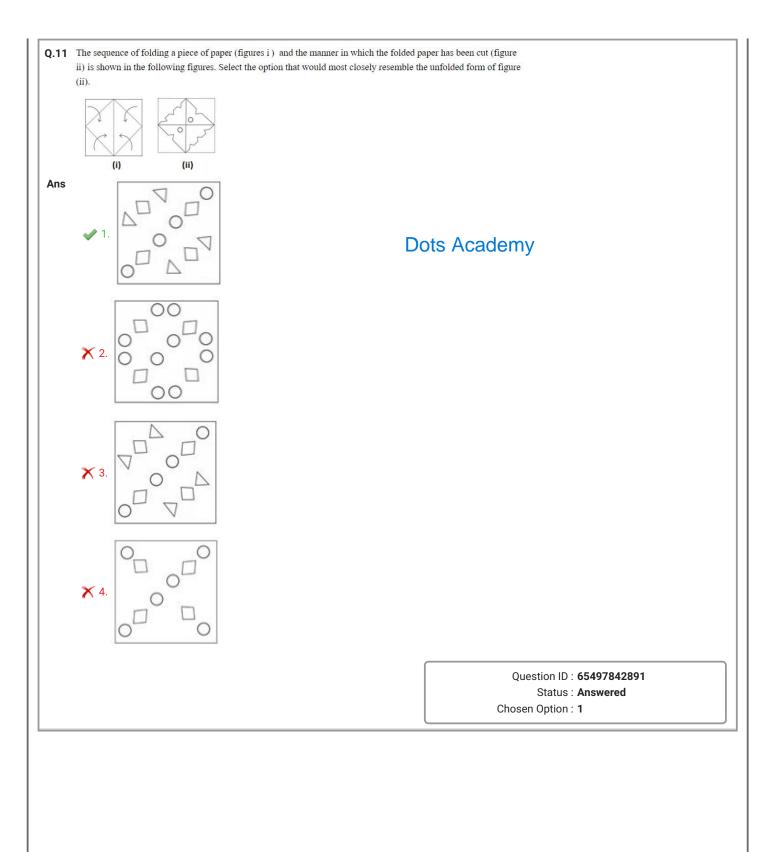
2. EDPXNYO

X 3. EDWWUY

X 4. DEWPVOY

Ouestion ID: 65497844386

Status: Answered



2.12 Read the given statements and conclusions ca in the statements is true, even if it appears to be decide which of the given conclusions logically	e at variance with commonly known facts,
Statements: 1. All flowers are blue. 2. All blue are good. 3. No good is red.	
Conclusions: I. No red is a flower. II. No red is a bus. III. Some good are flowers. IV. Some good are blue.	Dots Academy
Ans X 1. Only conclusions I, II and IV follow	
2. All conclusions I, II, III and IV follow	
★ 3. Only conclusions I and III follow	
X 4. Only conclusions I, III and IV follow	
	Question ID : 65497842676 Status : Answered Chosen Option : 4
0.13 Select the number from among the given option the following series.	ns that can replace the question mark (?) in
28, 32, 41, 57, ?	
Ans 🔀 1.74	
X 2. 68	
✓ 3.82	
× 4. 90	
	Question ID : 65497842678 Status : Answered

Chosen Option: 3

Q.14 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

3:17::6:?::9:47

Ans **1.32**

X 2. 34

X 3. 36

X 4. 38

Question ID: 65497842881

Status: Answered

Q.15 Among five boxes A B C D and E B is thrice as heavy as A. C is 40 kg heavier than E. D is three and a half times as heavy as E and C is five times as heavy as A. The weight of E is 40 kg. Which object is the lightest of all and what is its weight?

Ans X

X 1. D 125 kg

🗙 2. B 50 kg

🗙 3. B 12 kg

✓ 4. A 16 kg

Question ID : 65497844397 Status : Answered

Chosen Option: 4

Q.16 In a certain code language, 'TANKER' is written as 'VCPMGT', how will 'SOCRATES' be written in that language?

Ans

✓ 1. UQETCVGU

X 2. UQGTCVHU

X 3. UQFTCVHU

X 4. UQETCWGU

Question ID: 65497844635 Status: Answered

Chosen Option: 4

Q.17 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).



Ans

× 1.

y 2



X 3.



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Question ID: 65497844000

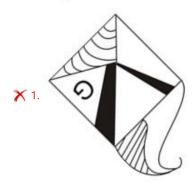
Status: Answered

Q.18 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order. 1. Chapterlist 2. Bibliography 3. Preface 4. Cover page **Dots Academy** 5. Chapters **X** 1. 3, 5, 4, 2, 1 Ans 2. 4, 3, 1, 5, 2 **X** 3. 2, 5, 1, 4, 3 **X** 4. 4, 5, 3, 1, 2 Question ID: 65497843677 Status: Answered Chosen Option: 2 Q.19 Select the number from among the given options that can replace the question mark (?) in the following series. 82, 105, 136, 177, 224, 283, ? **X** 1.412 Ans X 2.349 **3.350 X** 4. 320 Question ID: 65497843990 Status: Not Answered Chosen Option: --Q.20 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. FCC, UFH, OIS, LLX, FOC, ? 1. URH X 2. TRF X 3. VSG **X** 4. WTH Question ID: 65497842666 Status: Answered Chosen Option: 1

Q.21 Which of the option figures when rotated 270° anticlockwise and then 45° clockwise will result in the given question figure?



Ans







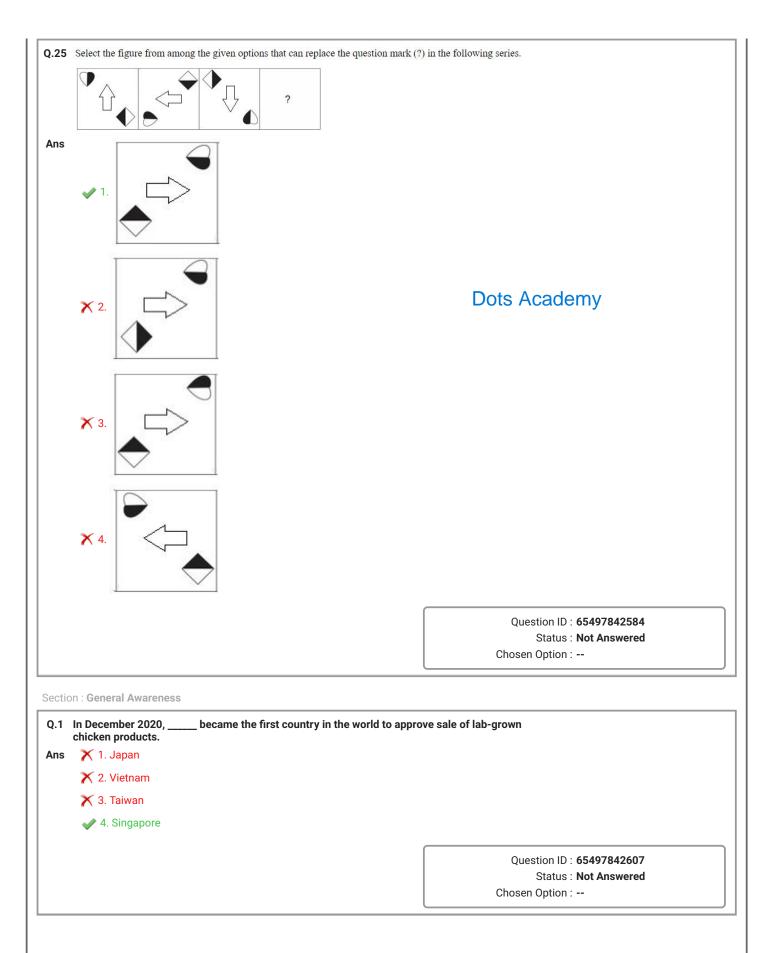


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Question ID : **65497842886** Status : **Not Answered**

Ans	★ 1. HOVC		
	X 2. DKRY		
	✓ 3. CJQY		
	★ 4. MTAH		
			1
		Question ID : 65497843981 Status : Not Answered	
		Chosen Option :	
			_
Q.23	In a certain code language, 'PARK' is coded as '3749', and 'RACE' is cod will 'CARE' be coded in that language?	ded as '4762'.How	
Ans	X 1.7624		
	✓ 2. 6742		
	✗ 3.7642		
	X 4. 6724		
		0 11 15 47 1070 10070	1
		Question ID : 65497842873 Status : Not Answered	
		Chosen Option :	
0.24	Study the given pattern carefully and select the number from among th	a divers autient that	
Q.24	can replace the question mark (?) in it.	e given options that	
Q.24	can replace the question mark (?) in it. 18 24 19	e given options that	
Q.24	can replace the question mark (?) in it. 18 24 19 7 8 9 8 11 14	e given options that	
	can replace the question mark (?) in it. 18 24 19 7 8 9 8 11 14 17 ? 14		
Ans	can replace the question mark (?) in it. 18 24 19 7 8 9 8 11 14 17 ? 14 1. 21	Dots Academy	
	can replace the question mark (?) in it. 18 24 19 7 8 9 8 11 14 17 ? 14 1. 21 2. 30		
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15		
	can replace the question mark (?) in it. 18 24 19 7 8 9 8 11 14 17 ? 14 1. 21 2. 30		
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15		
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994 Status: Not Answered	
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994	
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994 Status: Not Answered	
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994 Status: Not Answered	
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994 Status: Not Answered	
	can replace the question mark (?) in it. 18 24 19 78 9 8 11 14 17 ? 14 1. 21 2. 30 3. 15	Dots Academy Question ID: 65497843994 Status: Not Answered	

Q.22 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.



Q.2	Camellia sinensis is a plant that produces	
Ans	X 1. coffee	
	★ 2. jute	
	X 3. sugarcane	
	✓ 4. tea	
		Question ID : 65497842703 Status : Answered
		Chosen Option: 2
Q.3 Ans	Who among the following became the first Indian to win the Miss Deaf V 1. Raghavi Shankar	Vorld title?
Allo	✓ 2. Vidisha Baliyan	
	➤ 3. Arunima Sinha	
	X 4. Preethi Srinivasan	
		Question ID : 65497844427
		Status : Not Answered
		Chosen Option :
Q.4	Which of the following statements is/are correct?	
	I- Karnataka is the largest producer of coffee in India.	
	II- Arabica is a variety of coffee. III- The Arabica variety initially brought from Mexico is produced in India	
Ans	1. I, II and III	1.
	✓ 2. Only I and II	Dots Academy
	X 3. Only II and III	,
	★ 4. Only III	
		Question ID : 65497844017
		Status: Not Answered
		Chosen Option :
Q.5	What is the emigration of a significant proportion of a country's highly seducated professional population to other countries offering better econopportunities called?	killed, highly nomic and social
Ans	★ 1. Demographic transition	
	★ 2. Closed population	
	✓ 3. Brain drain	
	X 4. Carrying capacity	
		Question ID : 65497842601
		Status : Not Answered Chosen Option :
		Shooth option.

	What was the first name of the Mughal Emperor Babur?	
Ans		
	✓ 2. Zahiruddin	
	★ 3. Giasuddin	
	X 4. Qaseemuddin	
		Ouestion ID : 65497844018
		Status : Answered
		Chosen Option : 2
Q.7	is concerned with constructing records of past climates and clim	atic events by
4	analysis of tree growth characteristics, especially growth rings.	
Ans	★ 1. Historical- climatology 1. Historical	
	X 2. Bioclimatology	Dots Academy
	★ 3. Geo climatology	Boto Abadomy
	✓ 4. Dendroclimatology	
		Ouestion ID : 65497842696
		Status : Not Answered
		Chosen Option :
0.0	Who among the following is the outher of the nevel (0 and 4/2	
Q.8 Ans	Who among the following is the author of the novel 'Q and A'? 1. MK Rasgotra	
7	★ 2. Muchkund Dubey	
	X 3. JN Dixit	
	✓ 4. Vikas Swarup	
	4. Vikas Gwarap	
		Question ID : 65497842911
		Status : Not Answered
		Chosen Option :
Q.9	An amendment to the Hindu Succession Act, 1956 was passed in the ye	ar
Ans	★ 1. 2012	
	★ 2. 2010	
	✓ 3. 2005	
	× 4. 2008	
		Question ID : 65497842611
		Status : Not Answered Chosen Option :
		Chosen Option
Q.10	Which of the following dwarf planets lies in the main asteroid belt?	
Ans	X 1. Eris	
	★ 2. Haumea	
	X 3. Makemake	
	✓ 4. Ceres	
		Question ID : 65497844010
		Status : Answered Chosen Option : 4

Q.11	1 What was the age in years of the revolutionary Bhagat Singh when he was hanged till death?	
Ans	✓ 1.23	
	★ 2. 26	
	★ 3. 20	
	★ 4.30	
		Question ID : 65497842909 Status : Answered
		Chosen Option : 2
Q.12	Who among the following female wrestlers won the Ukraine Wrestling To February 2021?	purnament in
Ans	🗙 1. Babita Kumari	
	X 2. Sakshi Malik	
	X 3. Kavita Devi	
	✓ 4. Vinesh Phogat	
		Question ID : 65497844432
		Status : Not Answered Chosen Option :
Q.13	Which of the following Sustainable Development Goals (SDG) seeks to 'I promote sustainable use of terrestrial ecosystems, sustainably manage desertification, and halt and reverse land degradation and halt biodivers	forests, combat
Ans	✓ 1. SDG 15	
	★ 2. SDG 17	
	★ 3. SDG 7	
	★ 4. SDG12	
		Question ID : 65497842900 Status : Not Answered
		Chosen Option :
Q.14	As per the Economic Survey, 2020, how many banks of India are there in global 100?	the list of the top
Ans	✓ 1. One	
	★ 2. Three	Data Academy
	X 3. None X 3. None	Dots Academy
	★ 4. Two	
		Question ID: 65497844411
		Status : Not Answered Chosen Option :
		·

Q.15	15 From which of the following English words is the name 'Bhangra' derived in the context of Bhangra Dance?	
Ans	✓ 1. Rhythm	
	X 2. Movement	
	X 3. Style	
	X 4. Hemp	
		Question ID : 65497844004 Status : Answered
		Chosen Option: 3
Q.16	Which of the following Amendments of the Constitution of India gave th Goa?	e status of state to
Ans	X 1. 59th Amendment	
	× 2. 48th Amendment	
	X 3. 52nd Amendment	
	✓ 4. 56th Amendment	
		2 11 12 17 17 17 17 17 17 17 17 17 17 17 17 17
		Question ID : 65497844026 Status : Answered
		Chosen Option : 4
Q.17	Which of the following revolutionaries was arrested by the British as an Alipore Bomb Conspiracy Case?	accused in the
Ans	✓ 1. Kanailal Dutta	
	X 2. Roshan Singh	Dots Academy
	X 3. Ashfaq Ullah Khan	Dots / todderny
	X 4. Rajendra Lahiri	
		Outstier ID: 65407040706
		Question ID : 65497842706 Status : Not Answered
		Chosen Option :
Q.18 Ans	In which year had India's ratio of public debt to GDP gone up to a record 1.2001	84.2%?
	✓ 2. 2003	
	★ 3. 1991	
	X 4. 1999	
		Question ID : 65497842594
		Status : Not Answered Chosen Option :
		Ghosch Option

Q.19	19 What is the repo rate given by the Reserve Bank of India's (RBI) Monetary Policy Committee (MPC) as on 7 April 2021?		
Ans			
	★ 2. 2%		
	★ 3.5%		
	✓ 4. 4%		
		Question ID : 65497842895 Status : Answered	
		Chosen Option: 3	
Q.20			
Ans	X 1. Vacuoles are absent		
	X 2. Inorganic inclusions are absent		
	★ 3. Cells divide repeatedly		
	✓ 4. Intercellular spaces are present		
		Question ID: 65497842599	
		Status : Not Answered	
		Chosen Option :	
Ans	In which city of Gujarat will you find the Uparkot Buddhist Caves? 1. Anand 2. Vadodara 3. Bhavnagar 4. Junagadh		
		Question ID : 65497842692	
		Status : Answered	
		Chosen Option: 4	
Q.22	As of April 2021, who among the following is the only Indian long jumpe for the Tokyo Olympics 2021?	r to have qualified	
Ans	🗙 1. Sanjay Kumar Rai		
	X 2. TC Yohannan		
		Dots Academy	
	★ 4. Virsa Singh		
		Question ID : 65497842714 Status : Not Answered Chosen Option :	

Ans	√ 1. Coulomb's Law	
	🗶 2. Ohm's Law	
	X 3. Gauss' Law	
	🗙 4. Lenz's Law	
		Question ID : 65497844416 Status : Answered
		Chosen Option : 1
2.24	Which of the following elements is NOT suitable for the fabric structure?	ation of a light emitting diode
Ans	✓ 1. Germanium	
	× 2. Indium gallium nitride	
	★ 3. Gallium arsenide	
	X 4. Gallium phosphide	
		Question ID : 65497844418
		Status : Answered
		Chosen Option : 2
25	In which of the following years was an Act to provide for the re	parganisation of the states of
ų. Z J	India and for matters connected therewith enacted?	eorganisation of the states of
Ans	✓ 1. 1956	
	★ 2. 1962	
	★ 3. 1959	Dots Academy
	★ 4. 1947	
		Question ID : 65497842913
		Status : Not Answered
		Chosen Option :
ecti	on : Quantitative Aptitude	
Q.1	A can complete 25% of a work in 15 days. He works for 15 days and then B a	100 May 1 100 100 May
Ans	days. In how many days will A and B working together finish 50% of the same 1. 24	e work?
	√ 2. 12	
	★ 3. 25	
	X 3. 25 X 4. 20	
		Question ID : 65497842624
		Question ID : 65497842624 Status : Not Answered

Q.23 Which of the following laws deduces the expression for the force between two stationary point charges in vacuum or free space?

Q.2 A shopkeeper marks his goods at a price 20% higher than their cost price and allows 10% discount on every item. Find his gain percentage.

Ans X 1. 10.5%

× 2. 10%

√ 3. 8%

X 4. 9%

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Question ID: 65497843528 Status: Not Answered

Chosen Option: --

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

Ans

√ 1. 8

X 2. 7

X 3. 4

X 4. 5

Question ID: 65497844435 Status: Answered

Chosen Option: 1

Q.4 11 of a number A is 22% of a number B. The number B is equal to 2.5% of a third number C. If the value of C is 5500, then the sum of 80% of A and 40% of B is:

Ans × 1. 88

X 2. 48

X 3. 75

4 4. 66

Question ID: 65497842721 Status: Not Answered

Chosen Option: --

Q.5 The cost prices of two articles A and B are in the ratio 4:5. While selling these articles, the shopkeeper gains 10% on article A and 20% on article B and the difference in their selling prices is ₹480. The difference in the cost price (in ₹) of articles B and A is:

Ans

1. 300

X 2. 250

X 3. 400

X 4. 350

Question ID: 65497842621 Status: Not Answered

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

Ans

$$\times$$
 1 + sec θ – tan θ

$$\checkmark$$
 2. 1 + sec θ + tan θ

$$\times$$
 3. $1 - \sec \theta + \tan \theta$

$$\times$$
 4. 1 – sec θ – tan θ

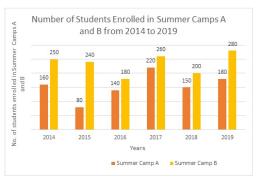
Question ID: 65497842936

Status: Not Answered

Chosen Option: --

Q.7 The following bar chart shows the number of students enrolled in two Summer Camps A and B from 2014 to 2019.

Study the chart carefully and answer the question that follows.



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

Ans

Question ID: 65497843141

Status: Not Answered

Chosen Option: --

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

Ans

Question ID: 65497842716

Status: Not Answered

Q.9 If $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$ then the value of (a + b - 7c) is:

Ans

X 1. 2

X 2. 3

√ 3. 4

X 4. 1

Question ID: 65497842931

Status: Not Answered

Chosen Option: --

Q.10 A and B started their journeys from X to Y and Y to X, respectively. After crossing each other, A and B completed

remaining parts of their journeys in $6\frac{1}{8}$ hours and 8 hours, respectively. If the speed of A is 32 km/h, then the speed, in km/h, of B is:

Ans

X 1. 30

√ 2. 28

X 3. 21

X 4. 25

Question ID: 65497842928

Status: Not Answered

Chosen Option: --

Q.11 The angle of elevation of the top of a tall building from the points M and N at the distances of 72 m and 128 m, respectively, from the base of the building and in the same straight line with it, are complementary. The height of the building (in m) is:

Ans

1. 96

X 2. 90

X 3. 84

X 4. 80

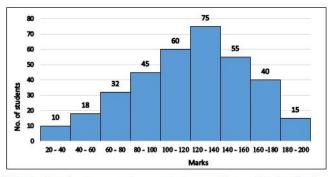
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Question ID: 65497844453 Status: Not Answered

Q.12 The given histogram represents the marks of students in Mathematics test of a certain class.

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

Study the graph and answer the question that follows.



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

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

Question ID: 65497844053 Status: Not Answered

Chosen Option: --

Q.13 In $\triangle ABC$, $\angle A = 88^{\circ}$. If I is the incentre of the triangle, then the measure of $\angle BIC$ is:

- Ans × 1. 68°
 - √ 2. 134°
 - X 3. 112°
 - X 4. 56°

Question ID: 65497842632 Status: Not Answered

Chosen Option: --

Q.14 If a + b + c = 6, $a^2 + b^2 + c^2 = 32$, and $a^3 + b^3 + c^3 = 189$, then the value of abc - 3 is:

Ans

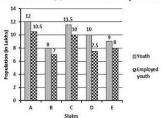
- X 1. 2
- X 2. 3
- X 3. 1
- √ 4. 0

Question ID: 65497842627

Status: Not Answered

Q.15 The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

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



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Ans

X 1. A, C, D, E

X 2. A, C, D

X 3. A

√ 4. A, C

Question ID: 65497843545 Status: Answered

Chosen Option: 4

Q.16 A cyclic quadrilateral ABCD is drawn in a circle with centre O. A and C are joined to O. If \angle ABC = 2p and $\angle ADC = 3p$, what is the measure (in degrees) of the $\angle AOC$ reflex?

Ans

√ 1. 216

X 2. 200

X 3. 245

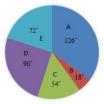
X 4. 210

Question ID: 65497844043 Status: Not Answered

Chosen Option: --

Q.17 The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart.

Total number of employees = 2400.



In which office is the number of employees 600?

Ans X 1. E

√ 2. D

X 3. A

X 4. C

Question ID: 65497844455

Status: Not Answered

Q.18 Sides AB and AC of ∆ABC are produced to points D and E, respectively. The bisectors of ∠ CBD and ∠ BCE meet at P. If $\angle A = 78^{\circ}$, then the measure of $\angle P$ is: Ans X 1. 56° X 2. 55° √ 3. 51° X 4. 61° Question ID: 65497842934 Status: Not Answered Chosen Option: --**Q.19** In a quadrilateral ABCD, the bisectors of $\angle C$ and $\angle D$ meet at point E. If $\angle CED = 57^{\circ}$ and $\angle A = 47^{\circ}$, then the measure of $\angle B$ is: Ans ✓ 1. 67° X 2. 47° X 3. 77° X 4. 57° Question ID: 65497842731 Status: Not Answered Chosen Option: --Q.20 If the volume of a sphere is equal to that of a cylinder having the same radius, then find the ratio of the radius to the height of the cylinder. Ans X 1. 1:2 **Dots Academy** X 2. 2:3 √ 3. 3:4 X 4. 3:5 Question ID: 65497844653 Status: Answered Chosen Option: 2 Q.21 What is the average of all the prime numbers between 70 and 90? Ans X 1. 81.6 X 2. 80 X 3. 78.66 **4.** 79 Question ID: 65497844655 Status: Not Answered Chosen Option: --

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

 \times 1. $\cos^2 - 1$

 \times 2. $sin^2\theta - 1$

 \checkmark 3. $\cot^2\theta - 1$

 \times 4. $sec^2\theta + 1$

Question ID: 65497842634 Status: Not Answered

Chosen Option: --

Q.23 The simple interest on a certain sum is one-eighth of the sum when the number of years is equal to half of the rate percentage per annum. Find the simple interest (in $\overline{\epsilon}$) on $\overline{\epsilon}$ 15,000 at the same rate of simple interest for 8 years.

Ans

X 1. 5,000

2. 6,000

× 3. 5,800

X 4. 5,250

Dots Academy

Question ID: 65497844037 Status: Not Answered

Chosen Option: --

Q.24 Six bells begin to toll together and toll, respectively, at intervals of 3, 4, 6, 7, 8 and 12 seconds. After how many seconds, will they toll together again?

Ans

X 1. 167

X 2. 186

3. 168

X 4. 176

Ouestion ID: 65497844434

Status: Answered

Chosen Option: 3

Q.25 A and B start a business. A invests $33\frac{1}{2}\%$ of the total capital and B invests the remaining. If the total profit at the end of the year is ₹1,62,000, then B's share (in ₹) is:

X 1. 54,000

× 2. 1,12,000

3. 1,08,000

× 4. 1,20,000

Question ID: 65497842925 Status: Not Answered

Chosen Option: --

Section: English Comprehension

Q.1 Select the most appropriate meaning of the given idiom. A long shot **Dots Academy** X 1. A perfect aim Ans X 2. A correct prediction X 3. Very profitable 4. Little chance of success Question ID: 65497842761 Status: Answered Chosen Option: 2 Q.2 Select the option that expresses the given sentence in reported speech. She said, "It is too good to be true." **Ans** X 1. She is saying that it is too good to be true. 2. She said it were too good to be true. 3. She said that it was too good to be true. 4. She says that it is too good to be true. Question ID: 65497844066 Status: Answered Chosen Option: 3 Q.3 Select the option that can be used as a one-word substitute for the given group of words. Showing great attention to detail and correct behaviour Ans 1. Punctilious X 2. Zealous X 3. Disciplined X 4. Punctual Question ID: 65497842663 Status: Answered Chosen Option: 3 Q.4 Select the most appropriate synonym of the given word. Inscrutable X 1. Indelible Ans X 2. Incredible X 3. Inevitable 4. Inexplicable Question ID: 65497842960 Status: Not Answered Chosen Option: --

Q.5	Select the most appropriate ANTONYM of the given word.	
	Optional	
Ans	★ 1. Elective	
	★ 2. Voluntary	
	X 3. Arbitrary	Dots Academy
	✓ 4. Compulsory	
		Outsetion ID 465407044072
		Question ID : 65497844073 Status : Answered
		Chosen Option : 4
Q.6	Select the most appropriate meaning of the given idiom.	
	On the wane	
Ans	X 1. On the top	
	× 2. On the rise	
	✓ 3. On the decline	
	🗙 4. On the way	
		Question ID: 65497844075 Status: Not Answered
		Chosen Option:
	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a substantial of the bank.	stantial interest on it.
Ans	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a sub. C. One of the best ways to secure your money is by investing in fixed d. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account.	the tenure you stantial interest on it. eposits.
Ans	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subsection of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. **\times 1. CABD **\times 2. ACBD **\times 3. ADCB	the tenure you stantial interest on it. eposits.
Ans	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subsection of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. **\times 1. CABD **\times 2. ACBD **\times 3. ADCB	the tenure you stantial interest on it. eposits. nly once at the time
Ans	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subsection of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. **\times 1. CABD **\times 2. ACBD **\times 3. ADCB	the tenure you stantial interest on it. eposits. nly once at the time
	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subset. One of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. 1. CABD 2. ACBD 3. ADCB 4. CDBA	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subset. One of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. 1. CABD 2. ACBD 3. ADCB 4. CDBA	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subset. One of the best ways to secure your money is by investing in fixed do D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. **\times 1. CABD **\times 2. ACBD **\times 3. ADCB **\times 4. CDBA ** Select the most appropriate synonym of the given word. FLUKE	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subtomer. C. One of the best ways to secure your money is by investing in fixed do b. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X. 1. CABD X. 2. ACBD X. 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE 1. Chance	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subtic. One of the best ways to secure your money is by investing in fixed did. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X 1. CABD X 2. ACBD X 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE X 1. Chance X 2. Plan	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subc. C. One of the best ways to secure your money is by investing in fixed d. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X. 1. CABD X. 2. ACBD X. 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE 1. Chance X. 2. Plan X. 3. Contract	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subtic. One of the best ways to secure your money is by investing in fixed did. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X 1. CABD X 2. ACBD X 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE X 1. Chance X 2. Plan	the tenure you stantial interest on it. eposits. nly once at the time Question ID: 65497844473 Status: Answered
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subc. C. One of the best ways to secure your money is by investing in fixed d. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X. 1. CABD X. 2. ACBD X. 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE 1. Chance X. 2. Plan X. 3. Contract	Question ID: 65497844474 Question ID: 65497844473 Status: Answered Chosen Option: 4
Q.8	A. The interest rates offered depends on the bank, deposit amount and choose. B. It not only helps you to save money but also helps you to earn a subc. C. One of the best ways to secure your money is by investing in fixed d. D. Under the fixed deposit scheme, the depositor deposits the money of opening the account. X. 1. CABD X. 2. ACBD X. 3. ADCB A. CDBA Select the most appropriate synonym of the given word. FLUKE 1. Chance X. 2. Plan X. 3. Contract	Question ID: 65497844473 Status: Answered Chosen Option: 4

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. This is / too grave sin / to be / pardoned. Ans √ 1. too grave sin × 2. to be **Dots Academy** X 3. pardoned X 4. This is Question ID: 65497842945 Status: Not Answered Chosen Option: --Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. She persisted / to doing / what she wanted / despite opposition. X 1. She persisted X 2. what she wanted 3. to doing 🗙 4. despite opposition Question ID: 65497844057 Status: Answered Chosen Option: 3 Q.11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. The unseasonal rain/ caused a lot of damage/ to the crops. X 1. The unseasonal rain 💢 2. caused a lot of damage 3. No error X 4. to the crops Question ID: 65497843449 Status: Not Answered Chosen Option: --Q.12 Select the INCORRECTLY spelt word. 1. Whitan X 2. Brighten X 3. Hasten X 4. Enlighten Question ID: 65497842967 Status: Answered Chosen Option: 1

Q.13	Select the most appropriate option to fill in the blank.	
	Are you looking forward Nikhil again?	
Ans	★ 1. seeing	Dots Academy
	✓ 2. to seeing	
	X 3. to be seeing	
	★ 4. to see	
		Question ID : 65497842665 Status : Answered
		Chosen Option : 4
Q.14	Select the most appropriate option that can substitute the underling sentence. If there is no need to substitute it, select 'No substitution	
	The investigation $\underline{\text{revealed that both of they}}$ had given false inform certificates.	nation to obtain the
Ans	✓ 1. revealed that both of them	
	X 2. reveal that them both	
	X 3. No substitution required	
	X 4. reveals that how they both	
		0 1: 10 15107011170
		Question ID : 65497844472 Status : Answered
		Chosen Option: 1
Q.15	Select the correct active voice of the given sentence.	
	The poems of great English poets are being translated into other la	
Ans	X 1. They translated the poems of great English poets into other	
	× 2. They have translated the poems of great English poets into	
	★ 3. They were translating the poems of great English poets into	other languages.
	4. They are translating the poems of great English poets into of	other languages.
		Outstier ID : 65407040040
		Question ID : 65497842948 Status : Not Answered
		Chosen Option :
Q.16	Select the option that can be used as a one-word substitute for the	e given group of words.
	A fictional being from another world	
Ans	✓ 1. Alien	
	X 2. Foreigner	
	X 3. Stranger → 1. Stranger	
	★ 4. Native	
I		
		Out-15-10 10 : 45 1070 10045
		Question ID : 65497842965 Status : Answered
		Question ID : 65497842965 Status : Answered Chosen Option : 1

Q.17 Select the option that expresses the given sentence in passive voice. He opened the door for his mother. X 1. The door is opened by him for his mother. Ans **Dots Academy** 2. The door was open by him for his mother. X 3. The door had been opened by him for his mother. 4. The door was opened by him for his mother. Question ID: 65497844462 Status: Answered Chosen Option: 4 Q.18 Select the most appropriate ANTONYM of the given word. Prey X 1. Loot Ans X 2. Game 3. Predator X 4. Sufferer Question ID: 65497842759 Status: Answered Chosen Option: 3 Q.19 The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. Antique diamond necklace / was stolen / from the museum. X 1. No error 2. Antique diamond necklace X 3. from the museum X 4. was stolen Question ID: 65497842338 Status: Not Answered Chosen Option: --Q.20 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. I have been wondering at taking skating as a hobby. X 1. to take up Ans 2. about taking up X 3. on taking to X 4. No improvement required Question ID: 65497842754 Status: Not Answered Chosen Option: --

	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
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning (3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university. SubQuestion No: 21	
Q.21	1 Select the most appropriate option to fill in blank no. 1.	
Ans	s X 1. ignorant	
	🗙 2. infant	
	★ 3. young	
	✓ 4. early	
		Question ID : 65497842647 Status : Answered
		Chosen Option : 3
		Siloson Spilon S
	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
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displement and a (2) personality. Her great exuberance for learning (3)_study further. However, she became (4) when she learned that the closed (5) women. Determined to receive a higher education, she university.	her to le university was
	SubQuestion No : 22	
Q.22	2 Select the most appropriate option to fill in blank no. 2.	
Ans	s 🗙 1. brutal	
	X 2. bruised	
	X 3. bloated	Dots Academy
	✓ 4. blithe	
		Ouestion ID : 65497842648
		Status: Not Answered
		Chosen Option :

	Comprehension:		
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank.	ge carefully and	
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning (3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university.		
	SubQuestion No: 23		
Q.23	Select the most appropriate option to fill in blank no. 3.		
Ans	★ 1. promised		
	✓ 2. prompted		
	★ 3. proposed		
	X 4. projected		
		Question ID : 65497842649 Status : Answered	
		Chosen Option : 2	
		·	
	Comprehension:		
	Comprehension: In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank.	ige carefully and	
	In the following passage, some words have been deleted. Read the passa	isplayed a brilliant 3) her to at the university was	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she comind and a (2) personality. Her great exuberance for learning (1) study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education,	isplayed a brilliant 3)her to It the university was she joined a French	
Q.24	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she comind and a (2) personality. Her great exuberance for learning (1) study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university.	isplayed a brilliant 3) her to at the university was	
Q.24 Ans	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she comind and a (2) personality. Her great exuberance for learning (3 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4.	isplayed a brilliant 3)her to It the university was she joined a French	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she comind and a (2) personality. Her great exuberance for learning (3 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4.	isplayed a brilliant 3)her to It the university was she joined a French	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she of mind and a (2) personality. Her great exuberance for learning (1 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4. X 1. disfigured	isplayed a brilliant 3)her to It the university was she joined a French	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she comind and a (2) personality. Her great exuberance for learning (1) study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4. 1. disfigured 2. disgruntled	isplayed a brilliant 3)her to It the university was she joined a French	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she of mind and a (2) personality. Her great exuberance for learning (1 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4. 1. disfigured 2. disgruntled 3. dishevelled	isplayed a brilliant 3)her to It the university was she joined a French	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she of mind and a (2) personality. Her great exuberance for learning (1 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4. 1. disfigured 2. disgruntled 3. dishevelled	isplayed a brilliant B) her to It the university was she joined a French Dots Academy Question ID: 65497842650	
	In the following passage, some words have been deleted. Read the passa select the most appropriate option to fill in each blank. Marie was born in 1867 in Warsaw, Poland. At an (1) age, she of mind and a (2) personality. Her great exuberance for learning (1 study further. However, she became (4) when she learned the closed (5) women. Determined to receive a higher education, university. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4. 1. disfigured 2. disgruntled 3. dishevelled	isplayed a brilliant B)her to It the university was She joined a French Dots Academy	

	Comprehension:	
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.	
	Marie was born in 1867 in Warsaw, Poland. At an (1) age, she displayed a brilliant mind and a (2) personality. Her great exuberance for learning (3) her to study further. However, she became (4) when she learned that the university was closed (5) women. Determined to receive a higher education, she joined a French university.	
	SubQuestion No : 25	
Q.25 Select the most appropriate option to fill in blank no. 5.		
Ans	✓ 1. to	
	X 2. from	
	★ 3. by	
	★ 4. at	

Question ID : **65497842651** Status : **Not Answered**