## Combined Graduate Level Examination 2021 Tier - I

Roll Number	www.govtjobsalert.in
Candidate Name	www.govtjobsalert.in
Venue Name	iON Digital Zone iDZ Luthergiri
Exam Date	13/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Q.1	Seven friends, E, F, G, H, I, J and K, are sitting along a circular table facing towards the
	centre. F and I are sitting to the immediate left and right of G, respectively. H is sitting
	third to the left of G. E and I are the neighbours of J. Who is sitting to the immediate
	right of H?

Ans X 1. H

X 4. E

Question ID: 65497842776 Status: Answered

Chosen Option: 3

Q.2 In a certain code language, 'ONION' is coded as 201 and 'POTATO' is coded as 261. How will 'MANGO' be coded in that language?

Ans X 1. 208

X 2. 178 **3**. 150

X 4. 228

Question ID: 65497842469

Status: Answered

Chosen Option: 3

Q.3 A cube of side 49 cm is painted purple on all the faces and then cut into smaller cubes of sides 7 cm each. Find the number of smaller cubes having only one face painted.

X 1. 100

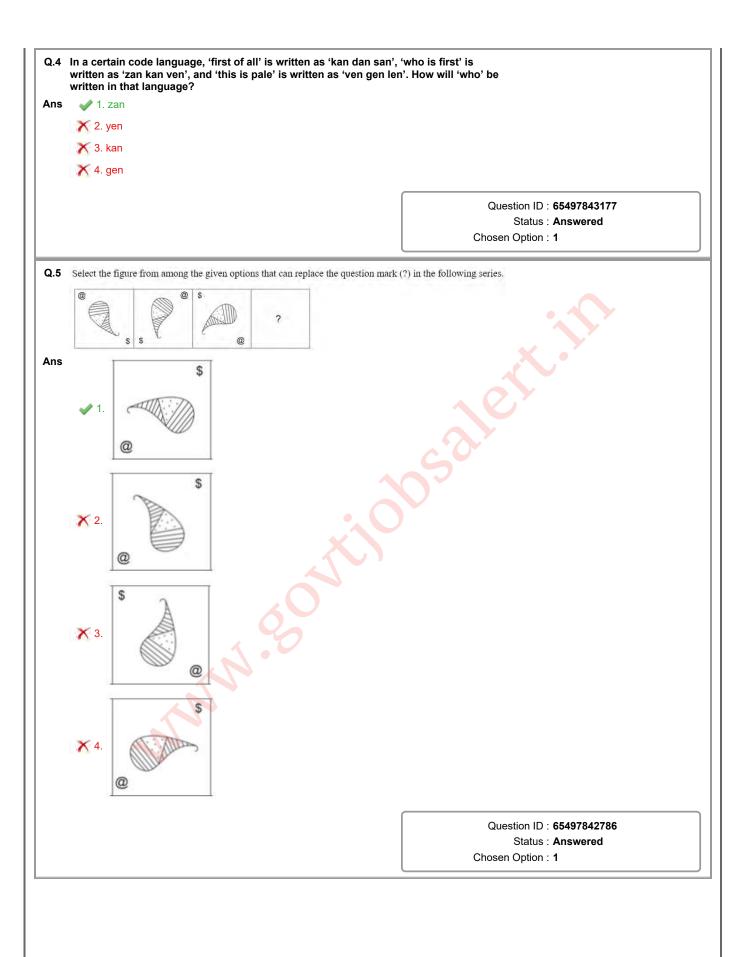
X 2. 25

X 3. 50

4. 150

Question ID: 65497842888

Status: Not Answered



Q.6	Five years ago, the ratio of the ages of Tarun and Saurabh was 4: the ratio of their ages will be 2:1. What is the present age (in year	1. After five years, s) of Saurabh?
Ans	<b>X</b> 1. 14	
	<b>✓</b> 2. 10	
	✗ 3.8	
	<b>X</b> 4. 12	
		Question ID : 65497842579
		Status : Answered
		Chosen Option : 2
Q.7	Mahesh is the father of Riva and paternal grandfather of Vansh. Aa of Riva and father of Vansh and Ritu. Ritu is the only daughter of A How is Maya related to Mahesh?	
Ans	✓ 1. Daughter-in-law	
	× 2. Aunt	
	X 3. Sister	
	X 4. Daughter	
		Question ID : 65497842775
		Status : Answered
		Chosen Option : 1
0.8	Which two numbers need to be interchanged to make the following	
Q.8	Which two numbers need to be interchanged to make the following	
	$7 + 56 \div 8 \times 2 - 13 = 11$	
	7 + 56 ÷ 8 × 2 – 13 = 11  X 1. 7 and 13	
	7 + 56 ÷ 8 × 2 – 13 = 11  1. 7 and 13  2. 7 and 2	
	7 + 56 ÷ 8 × 2 – 13 = 11  X 1. 7 and 13	
	7 + 56 ÷ 8 × 2 – 13 = 11  1. 7 and 13  2. 7 and 2	
	7 + 56 ÷ 8 × 2 - 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2	g equation correct?
	7 + 56 ÷ 8 × 2 - 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2	g equation correct?  Question ID: 65497842783
	7 + 56 ÷ 8 × 2 - 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2	Question ID: 65497842783 Status: Answered
	7 + 56 ÷ 8 × 2 - 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2	g equation correct?  Question ID: 65497842783
Ans	7 + 56 ÷ 8 × 2 - 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 − 13 = 11  ★ 1. 7 and 13  ★ 2. 7 and 2  ★ 3. 8 and 2  ★ 4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144 18 12 ?	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 – 13 = 11  1. 7 and 13  2. 7 and 2  3. 8 and 2  4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144 18 12 ? 22 17 195	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 – 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2  4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144 18 12 ? 22 17 195  X 1. 188	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 – 13 = 11  1. 7 and 13  2. 7 and 2  3. 8 and 2  4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144 18 12 ? 22 17 195  1. 188  2. 255	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 − 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2  ✓ 4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144  18 12 ?  22 17 195  X 1. 188  X 2. 255  ✓ 3. 180	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 – 13 = 11  1. 7 and 13  2. 7 and 2  3. 8 and 2  4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144 18 12 ? 22 17 195  1. 188  2. 255	Question ID: 65497842783 Status: Answered Chosen Option: 4
Ans	7 + 56 ÷ 8 × 2 − 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2  ✓ 4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144  18 12 ?  22 17 195  X 1. 188  X 2. 255  ✓ 3. 180	Question ID: 65497842783 Status: Answered Chosen Option: 4
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Ans	7 + 56 ÷ 8 × 2 − 13 = 11  X 1. 7 and 13  X 2. 7 and 2  X 3. 8 and 2  ✓ 4. 7 and 8  Study the given pattern carefully and select the number that can remark (?) in it.  15 9 144  18 12 ?  22 17 195  X 1. 188  X 2. 255  ✓ 3. 180	Question ID: 65497842783 Status: Answered Chosen Option: 4  eplace the question  Question ID: 65497843186

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pencils are pens. All pens are papers. All pencils are colours.

Conclusions:

I. All colours are pens.

II. Some colours are pencils.

III. Some papers are pens.

Ans 1. Only conclusion II follows.

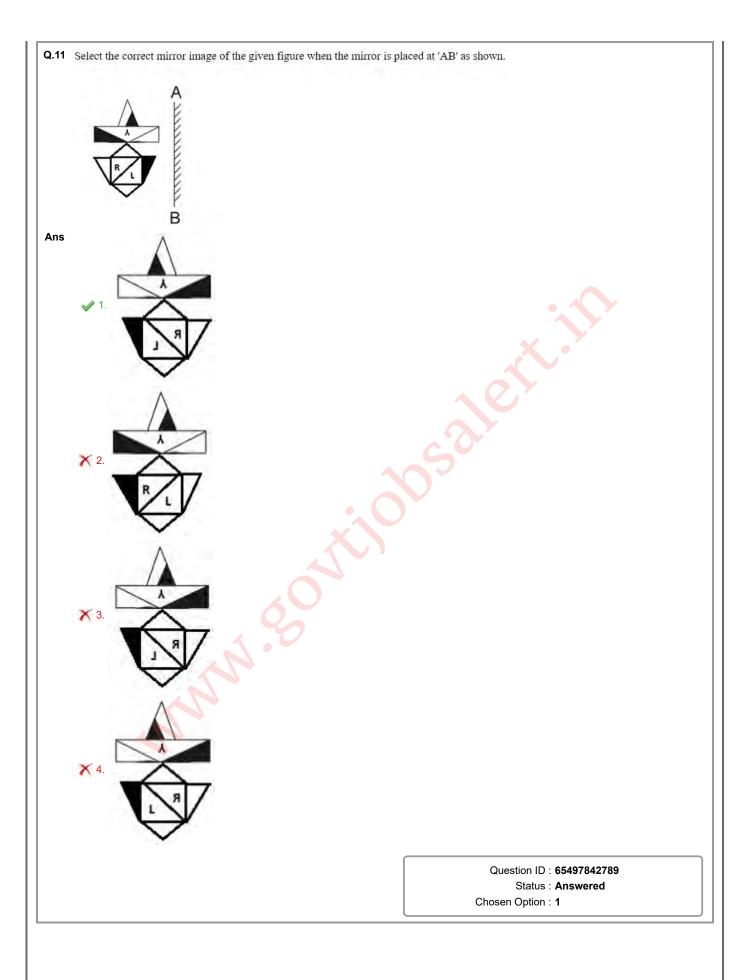
2. All conclusions I, II and III follow.

3. Only conclusions II and III follow.

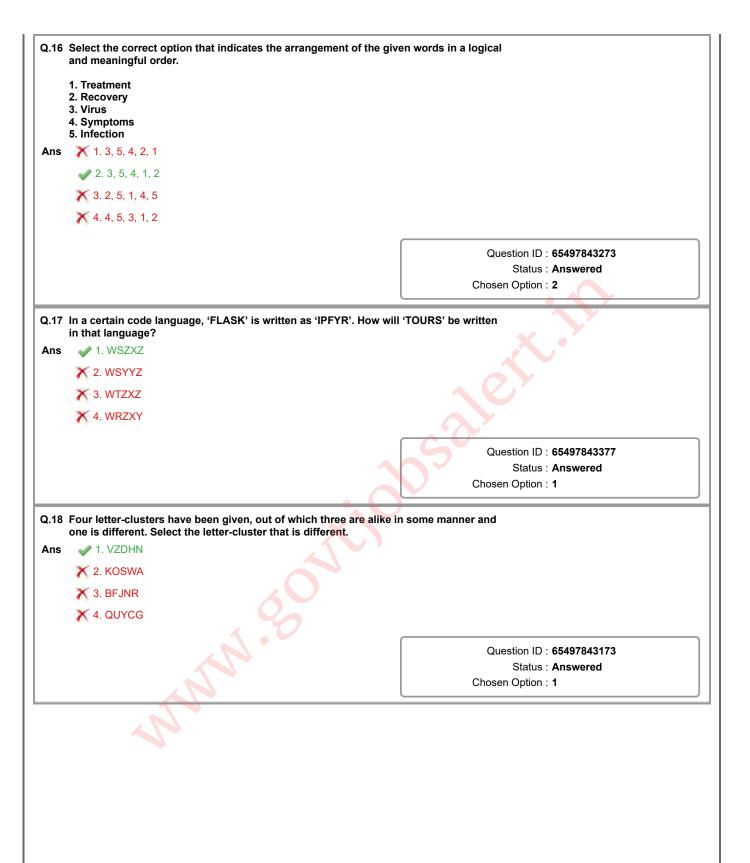
4. Only conclusions I and II follow.

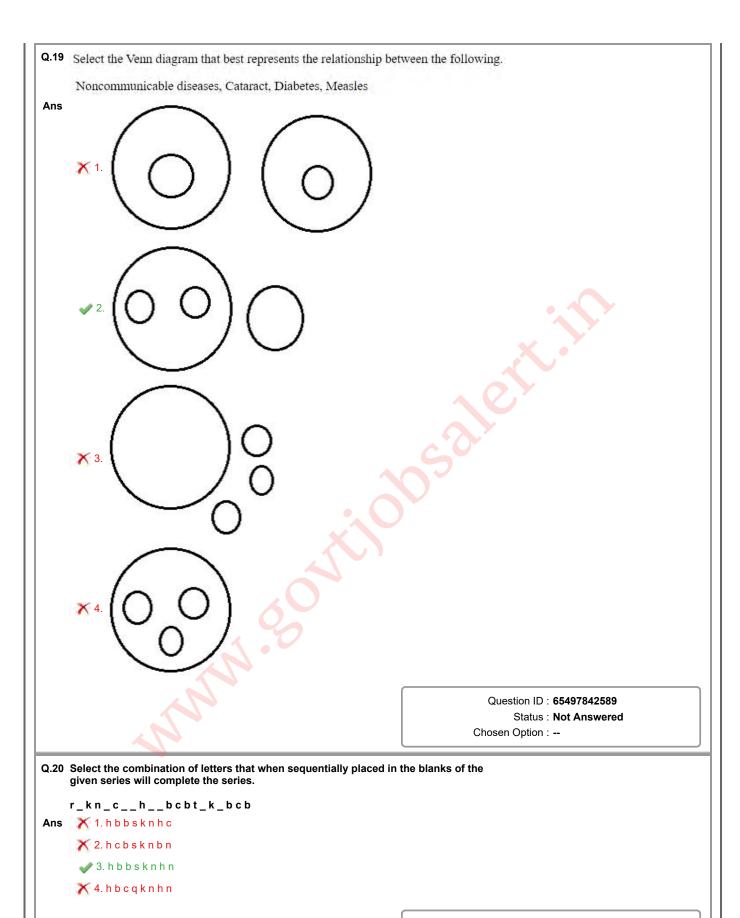
Question ID: 65497842878

Status: Answered

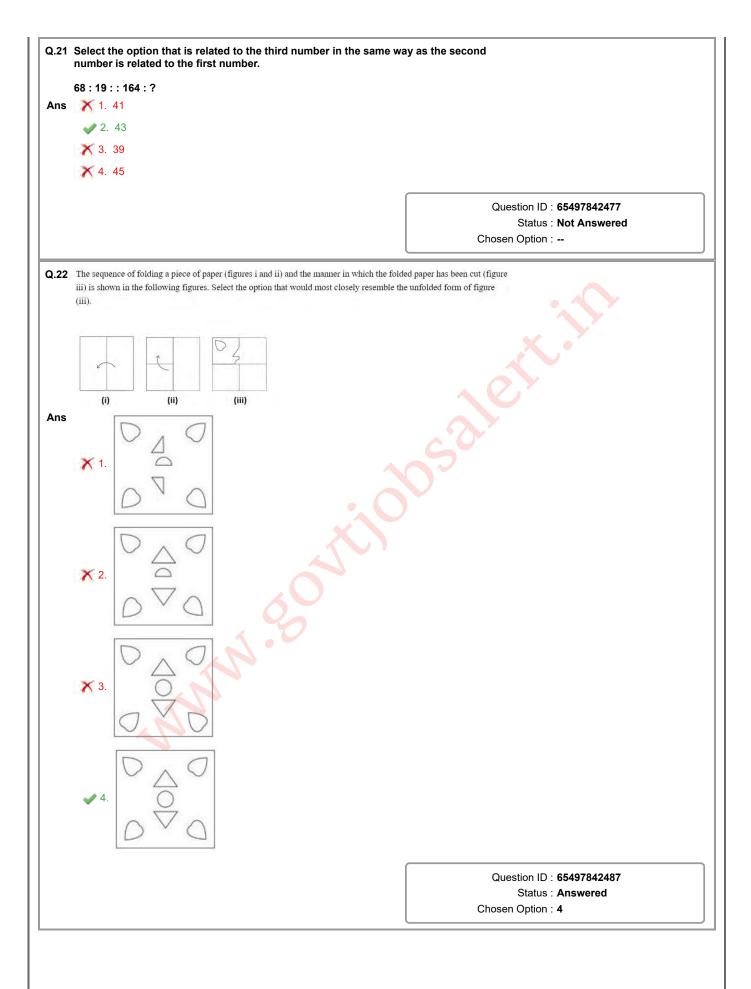


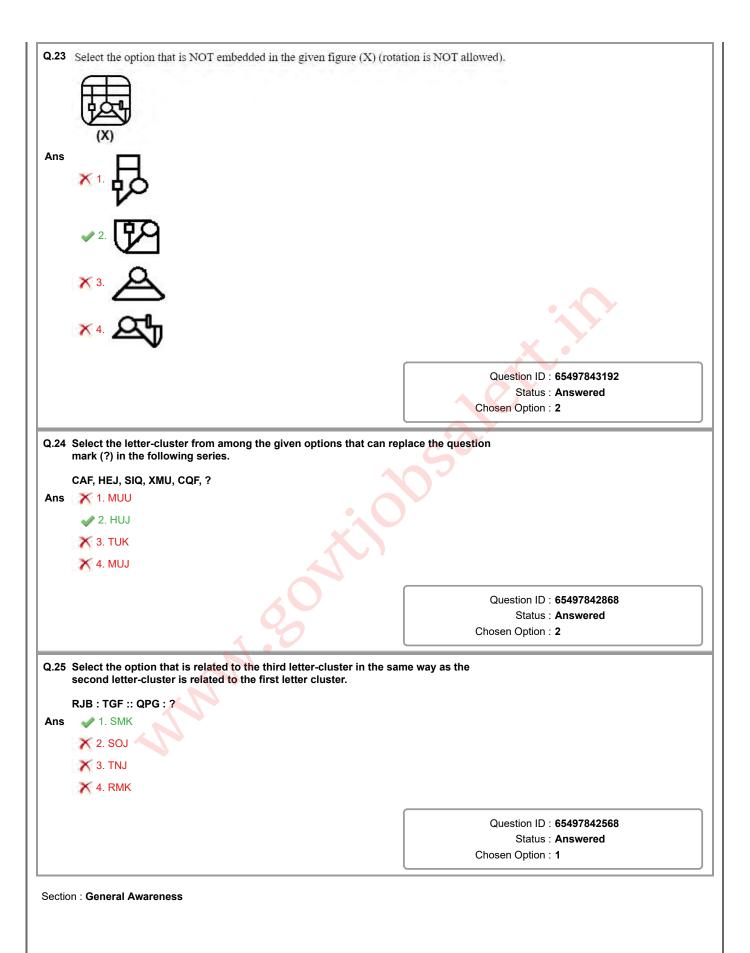
Q.12 Sahasra started running from her house towards the north. After 40 meters she turned left and ran for 75 meters. She then turned right and ran for 30 meters, and again turned right to run 75 meters. In which direction was she running finally? Ans X 1. South X 2. North X 3. West ✓ 4. East Question ID: 65497842482 Status: Answered Chosen Option: 4 Q.13 Select the number from among the given options that can replace the question mark (?) in the following series. 61, 99, 152, 222, 312, ? Ans X 1. 452 2. 426 X 3.398 X 4. 412 Question ID: 65497843182 Status: Answered Chosen Option: 2 Q.14 Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct. 88 \* 120 \* 42 \* 240 \* 48 \* 2 Ans X 1. +, ÷, -, =, × X 2. ×, ÷, =, -, + Question ID: 65497842885 Status: Answered Chosen Option: 4 Q.15 Select the number from among the given options that can replace the question mark (?) in the following series. 298, 217, 168, 143, ? Ans X 1. 138 **2.134** X 3. 112 X 4. 128 Question ID: 65497842880 Status: Answered Chosen Option: 2





Question ID : 65497843380 Status : Answered





Q.1	Which of the following became the second state in the country to functional household tap connections (FHTCs)?	achieve 100%
Ans	X 1. Kerala	
	× 2. Sikkim	
	✓ 3. Telangana	
	X 4. Mizoram	
		Question ID : 65497843202
		Status : Not Answered
		Chosen Option :
Q.2	Which of the following is an Indian 'not for profit' organisation, wo solutions to make sanitation and water accessible to all?	rking on sustainable
Ans	X 1. Pratham	
	X 2. Helpage India	
	X 3. Goonj	
	✓ 4. Sulabh International	<b>X.</b> •
		Question ID : 65497842801
		Status : Answered
		Chosen Option : 4
0.3	Which of the following legislations ought to allow senior Indian ma	agistrates to preside
<b>Q.</b> 0	over cases involving British subjects in India?	agistrates to preside
Ans	✓ 1. Ilbert Bill, 1884	
	X 2. Ingress into India Ordinance, 1914	
	X 3. Government of India Act, 1919	
	X 4. Age of Consent Act, 1891	
		Question ID : 65497842908
	40	Status : Not Answered
		Chosen Option :
Q.4	The is the extended margin of each continent occupied by seas and gulfs.	relatively shallow
Ans	X 1. deep sea plain	
	X 2. oceanic deeps	
	X 3. continental slope	
	✓ 4. continental shelf	
		Ougotion ID : 65407942200
		Question ID : 65497843209 Status : Not Answered
		Chosen Option :

Q.5	As per Economic Survey 2020–21, India entered the top 50 innovating first time in since the inception of the Global Innovation In	
Ans	<b>X</b> 1. 2019	
	<b>X</b> 2. 2018	
	<b>✓</b> 3. 2020	
	<b>X</b> 4. 2017	
		Question ID : 65497842593
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		Choosii Option : C
Q.6	Who among the following freedom fighters hoisted the Indian flag	at the Gowalia Tank
Ans	Maidan in Mumbai during the Quit India Movement?  ✓ 1. Aruna Asaf Ali	
71110	× 2. Sarojini Naidu	
	X 3. Tara Rani Srivastava	<b>Y</b>
	X 4. Matangini Hazra	
		Question ID : 65497842505
		Status : Not Answered
		Chosen Option :
0.7	Which of the fellowing eximple has more than one heart?	
Q.7 Ans	Which of the following animals has more than one heart?  1. Porcupine	
7 11.10	X 2. Chameleon	
	X 3. Tortoise	
	✓ 4. Octopus	
	4. Octopus	
		Question ID : 65497842496
		Status : Answered
		Chosen Option : 2
0.8	Who among the following defeated Harshavardhana when he inva	ded the Chalukva
۵.0	kingdom in the Deccan?	aou ino chalanya
Ans	X 1. Mangalesha	
	✓ 2. Pulakesin II	
	X 3. Vikramaditya I	
	X 4. Kirtivarman I	
		Ougation ID : 65407942240
		Question ID : 65497843210 Status : Not Answered
		Chosen Option :

Q.9	is defined as the temperature to which the air would	I have to cool (at constant
_	pressure and constant water vapour content) in order to re	ach saturation.
Ans	√ 1. Dew point temperature	
	× 2. Air temperature	
	X 3. Relative humidity	
	X 4. Surface temperature	
		Question ID: 65497842600 Status: Answered
		Chosen Option : 3
Q.10	Who became the first player to hit 350 sixes during IPL202	1?
Ans	X 1. AB de Villiers	
	X 2. MS Dhoni	
	X 4. Rohit Sharma	<b>Y</b>
		Question ID : 65497842916
		Status : Answered Chosen Option : 1
		Chosen Option . 1
Q.11 Ans	The 60th Amendment to the Constitution of India increased tax from ₹ 250 p.a. to p.a.  1. ₹7,000	the ceiling of profession
	<b>X</b> 2. ₹5,000	
	<b>X</b> 3. ₹1,000	
	<b>✓</b> 4. ₹2,500	
		Question ID: 65497842509
		Status : Not Answered
		Chosen Option :
Q.12	Who among the following was named Wisden Almanack's April 2021?	ODI player of the 2010s in
Ans	✓ 1. Virat Kohli	
	× 2. Rahul Dravid	
	X 3. Sachin Tendulkar	
	X 4. MS Dhoni	
		Question ID : 65497842609
		Status : Answered
		1 I
		Chosen Option : 1

Q.13	The salinity of ocean waters is calculated as the amount of salt (in gm of seawater.	gm) dissolved in
Ans	<b>X</b> 1. 10,000	
	<b>2</b> . 1000	
	<b>X</b> 3. 100	
	<b>X</b> 4. 10	
		Question ID : <b>65497842803</b>
		Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.14	What is the projected growth rate of Gross Domestic Product (GD as given by The International Monetary Fund (IMF) in April 2021?	P) for India in 2021
Ans	X 1. 13.7%	
	<b>X</b> 2. 10.2%	
	<b>X</b> 3. 11.6%	
	<b>4</b> . 12.5%	•
		Question ID : 65497842796
		Status : Answered
		Chosen Option : 1
Q.15	Who among the following is the President of Federation of Indian Commerce and Industries (FICCI) as of April 2021?	Chambers of
Ans	1. Uday Shankar	
	X 2. Deepak Parekh	
	X 3. Girish Chandra Chaturvedi	
	X 4. Rakesh Makhija	
		Question ID : 65497842809
	40	Status : Not Answered
		Chosen Option :
Q.16	Which of the following is a book written by Avni Doshi?	
Ans	1. In Other Words	
	✓ 2. Burnt Sugar	
	X 3. Unaccustomed Earth	
	X 4. Interpreter of Maladies	
		Question ID : 65497842507
		Status : Not Answered
		Chosen Option :

	India banned unregulated deposit schemes through an Act pa	assed in the year
Ans	√ 1. 2019	
	<b>X</b> 2. 2016	
	<b>X</b> 3. 2017	
	<b>X</b> 4. 2018	
		Question ID : 65497842813
		Status : Not Answered
		Chosen Option :
Q.18	'Ummatt-aat' is a folk dance form performed in	
Ans	X 1. Kasauli	
	✓ 2. Coorg	
	X 3. Itanagar	
	X 4. Gangtok	
	. Cangon	X.•
		Question ID : 65497843196
		Status : Not Answered
		Chosen Option :
Ans	<ul> <li>1. Bajrang Punia</li> <li>2. Sushil Kumar</li> <li>3. Yogeshwar Dutt</li> <li>4. Pawan Kumar</li> </ul>	303
		Question ID : 65497842614 Status : Answered
	<b>A</b> O	Chosen Option: 1
Q.20	In which of the following years did the resolution at the Karac National Congress dwell on how Independent India's Constitu	thi Session of the Indian ution should look?
Ans	<b>X</b> 1. 1931	
	<b>✓</b> 2. 1928	
	<b>X</b> 3. 1946	
	<b>X</b> 4. 1945	
		Question ID : 65497843218
		Question ID : 65497843218 Status : Answered Chosen Option : 1

Q.21	Which of the following is a characteristic of fibres in rela	tion to plant anatomy?
Ans	1. Possess only pitted thickenings	
	X 2. Possess oblique end walls	
	3. Responsible for conduction and also mechanical sup	port
	X 4. Possess various shorted cells	
		Question ID : 65497842898 Status : Not Answered
		Chosen Option :
.22	In which of the following Indian states will you find the N 'Queen of Chotanagpur'?	etarhat Mountains, also called
ns	X 1. West Bengal	
	2. Jharkhand	
	X 3. Odisha	
	X 4. Chhattisgarh	
		Question ID : 65497842905
		Status : Answered
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ	Status : Answered Chosen Option : 3 ear to provide Functional
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household 1. 2025	Status : Answered Chosen Option : 3 ear to provide Functional
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household. 2025	Status : Answered Chosen Option : 3 ear to provide Functional
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household. 1. 2025  2. 2022  3. 2024	Status : Answered Chosen Option : 3 ear to provide Functional
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household. 1. 2025  2. 2022  3. 2024	Status : Answered Chosen Option : 3  ear to provide Functional hold in India?
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household. 1. 2025  2. 2022  3. 2024	Status : Answered Chosen Option : 3  ear to provide Functional hold in India?  Question ID : 65497842598
ans	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023  is one of the languages in which the denomination	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023  is one of the languages in which the denomination a contemporary Indian currency note.	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
nns	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023  is one of the languages in which the denomination a contemporary Indian currency note.  1. Burmese	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
).24	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural household.  1. 2025 2. 2022 3. 2024 4. 2023  is one of the languages in which the denomination a contemporary Indian currency note.  1. Burmese 2. Sinhala	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
Q.23 Ans Q.24 Ans	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023  is one of the languages in which the denomination a contemporary Indian currency note.  1. Burmese  2. Sinhala  3. Nepali	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1
Ans	Under the Jal Jeevan Mission (JJM), what is the target ye Household Tap Connection (FHTC) to every rural househ  1. 2025  2. 2022  3. 2024  4. 2023  is one of the languages in which the denomination a contemporary Indian currency note.  1. Burmese  2. Sinhala  3. Nepali	Status : Answered Chosen Option : 3  Par to provide Functional hold in India?  Question ID : 65497842598 Status : Answered Chosen Option : 1  On is printed on the reverse of

Q.25 In which of the following towns will you find the 'Kachari Ruins'?

Ans X 1. Shimla

X 2. Bilaspur

X 3. Gangtok

4. Dimapur

Question ID: 65497842894 Status: Not Answered

Chosen Option: --

## Section: Quantitative Aptitude

Q.1 A man bought toffees at 3 for a rupee. How many toffees for a rupee must he sell to gain 50%?

Ans X 1. 4

X 3. 3

√ 4. 2

Question ID: 65497842823 Status: Answered

Chosen Option: 1

Q.2 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then the length of PB (in cm) is:

X 2. 10

X 3. 8

X 4. 5

Question ID: 65497842933

Status: Answered

Chosen Option: 1

**Q.3** In  $\triangle ABC$ , AB = 7 cm, BC = 10 cm, and AC = 8 cm. If AD is the angle bisector of  $\angle BAC$ , where D is a point on BC, then DC (in cm) = ?

Ans

× 1. 
$$\frac{14}{2}$$

$$\times$$
 3.  $\frac{11}{3}$ 

$$\times$$
 4.  $\frac{17}{3}$ 

Question ID: 65497842834

Status: Answered

Q.4 A tyre has 3 punctures. The first puncture alone would have made the tyre flat in 9 minutes, the second alone would have done it in 18 minutes, the third alone would have done it in 6 minutes. If the air leaks out at a constant rate, then how long (in minutes) does it take for all the punctures together to make it flat? Ans X 1. 2 X 2. 6 X 3. 4 **4.** 3 Question ID: 65497842826 Status: Not Answered Chosen Option: --Q.5 The average of sixteen numbers is 48. The average of the first six of these numbers is 45 and that of the last seven numbers is 53. The seventh and the eighth numbers are, respectively, 3 and 7 greater than the ninth number. What is the average of the ninth and seventh numbers? Ans X 1. 41.5 2. 40.5 X 3. 42 X 4. 39 Question ID: 65497844234 Status: Not Answered Chosen Option: --A sum of ₹4,620 is to be paid back in 2 equal annual instalments. How much is each instalment (in ₹) if the interest is compounded annually at 10% per annum? X 1. 2,420 × 2. 2,552 3. 2,662 × 4. 2,750 Question ID: 65497843229 Status: Answered Chosen Option: 3

Q.7 Study the given pie chart and answer the question that follows.

The pie chart represents the percentage-wise distribution of the total number of Vanilla cakes and Chocolate cakes sold everyday in a week. The total number of cakes sold in a week = 10500.



The ratio of the number of Vanilla cakes sold to the number of Chocolate cakes sold on Saturday is 4:3. the selling price of one Vanilla cake is ₹8 and that of one Chocolate cake is ₹15, then the total amount earned (in ₹) by selling all Vanilla cakes and Chocolate cakes on Saturday is:

× 1. 14,880

× 2. 10,488

X 3. 20,000

4. 18,480

Question ID: 65497842637

Status: Answered

Chosen Option: 4

**Q.8** In the given figure, O is the centre of the circle.  $\angle POQ = 54^{\circ}$ . What is the measure (in degree) of  $\angle PRQ$ ?



X 1. 235

X 2. 137

X 3. 207

√ 4. 153

Question ID: 65497843235 Status: Not Answered

Chosen Option: --

**Q.9** A train covers a distance of 225 km in  $2\frac{1}{2}$  hours at a uniform speed. The time taken by the train (in hours) to cover a distance of 630 km at the same speed is:

Ans 💢 1. 5

**2.** 7

X 3. 6

X 4. 4

Question ID: 65497842524

Status: Answered

**Q.10** A and B are two prime numbers such that A > B and their LCM is 209. The value of  $B^2 - A$  is: Ans 🗙 1. 111 √ 2. 102 X 3. 121 X 4. 109 Question ID: 65497842616 Status: Answered Chosen Option : 2 Q.11 What will be the total cost (in ₹) of polishing the curved surface of a wooden cylinder at rate of ₹50 per m<sup>2</sup>, if its diameter is 70 cm and height is 6 m? (Take  $\pi = \frac{22}{7}$ ) Ans X 1. 624 X 2. 612 √ 3. 660 X 4. 675 Question ID: 65497844242 Status: Answered Chosen Option: 3 Q.12 If 8A5146B is divisible by 88, then what is the value of AB? Ans X 1. 15 √ 2. 12 X 3. 9 X 4. 20 Question ID: 65497842918 Status: Answered Chosen Option: 2 Ans X 1. 17.5 × 2. 0.175 **✓** 3. 1.75 X 4. 175 Question ID: 65497842617 Status: Answered Chosen Option : 1

The expression  $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 3$  is equal to:

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

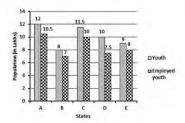
Question ID: 65497842836

Status: Answered

Chosen Option: 1

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

The number of employed youth in state B is what percentage of the number of employed youth in state E?



- Ans X 1. 87%
  - × 2. 85%
  - X 3. 88.5%
  - 4. 87.5%

Question ID: 65497843646

Status: Answered

Chosen Option: 4

- Q.16 From a point P on a level ground, the angle of elevation of the top of the tower is 30°. If the distance of point P from the foot of the tower is 510 m, then 50% of the height of the tower (in m) is:
- Ans

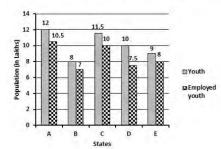
- × 4. 150√3

Question ID: 65497842635

Status: Answered

Q.17 The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states A and C taken together?



- Ans X 1. 2.8
  - **2**. 3
  - X 3. 2.25
  - X 4. 2.85

Question ID: 65497842333

Status: Answered

Chosen Option: 2

**Q.18** In  $\triangle ABC$ , D is a point on side BC such that  $\angle ADC = \angle BAC$ . If CA = 15 cm and CD = 9 cm, then CB (in cm) = ?

- Ans X 1. 15
  - **√** 2. 25
  - X 3. 12
  - X 4. 10

Question ID: 65497842530

Status: Answered

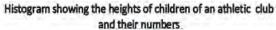
Chosen Option: 1

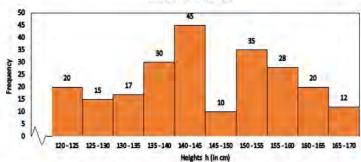
**Q.19** If  $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$ , then the value of  $(A^2 + B^2 + C^2)$  is:

Question ID: 65497842829

Status: Answered

Q.20 The given histogram shows the heights of 232 students of an athletic club and their numbers. Study the histogram carefully and answer the questions that follows.





What is the average height (in cm) of 32 tallest students of the athletic club?

Express your answer correct to one place of decimal.

Ans

- X 1 165.4
- × 2. 167.4
- X 3. 166.4
- √ 4. 164.4

Question ID: 65497843245

Status: Not Answered

Chosen Option: --

- Q.21 P and Q start a shop with a capital of ₹1,50,000 and ₹4,50,000, respectively. After a year, out of the profit of ₹1,60,000, P gets his share of profit plus some money that is not a part of the profit, as his salary. If P gets a total of ₹70,000, what is the salary (in ₹) he received?
- Ans
- X 1. 40,000
- 2. 30,000
- × 3. 25,000
- × 4. 50,000

Question ID : 65497842521

Status: Answered

Chosen Option: 2

**Q.22** If x + y + z = 18, xyz = 81 and xy + yz + zx = 90, then find the value of  $\sqrt[4]{x^3 + y^3 + z^3 + xyz}$ .

Ans

- **1.** 6
- X 2. 12
- X 3. 9
- X 4. 10

Question ID : 65497842527

Status : Answered

Q.23 If  $5\sin\theta - 4\cos\theta = 0$ ,  $0^{\circ} < \theta < 90^{\circ}$ , then the value of  $\frac{5\sin\theta - \cos\theta}{5\sin\theta + 3\cos\theta}$  is:

Question ID: 65497842532

Status: Answered

Chosen Option: 2

Q.24 A shopkeeper marks an article at a price 20% higher than its cost price and allows 10% discount. Find his gain

- Ans X 1. 9.5%
  - √ 2. 8%
  - X 3. 9%
  - X 4 10%

Question ID: 65497843730

Status: Answered

Chosen Option: 2

Q.25 A spends 65% of his income. His income is increased by 20.1% and the expenditure is increased by 20%. By what per cent (correct to one decimal place) does his saving increase or decrease?

- ✓ 1. Increase by 20.3%
- X 2. Decrease by 17.7%
- X 3. Increase by 21.5%
- X 4 Decrease by 18.9%

Question ID: 65497842923

Status: Answered

Chosen Option: 1

Section: English Comprehension

Q.1	Select the most appropriate synonym of the given word.	
	Succulent	
Ans	X 1. Decent	
	X 2. Coarse	
	🗶 4. Foul	
		Question ID : 65497842556 Status : Not Answered
		Chosen Option :
Q.2	Select the option that will improve the underlined part of the no improvement is needed, select 'No improvement require	
	Many <u>a man has</u> succumbed to his temptations.	
Ans	X 1. men has	
	X 2. a men have	X • Z
	X 3. man has	
	4. No improvement required	A O.Y
		Question ID : 65497842956 Status : Answered
		Chosen Option : 3
Q.3	Select the option that can be used as a one-word substitut words.	e for the given group of
	Sharpness and accuracy of judgment	
	Charphess and accuracy of judgment	
Ans	1. Experience	
Ans		
Ans	X 1. Experience	
Ans	1. Experience 2. Estimation	
Ans	<ul><li>1. Experience</li><li>2. Estimation</li><li>3. Acumen</li><li>4. Knowledge</li></ul>	
Ans	<ul><li>1. Experience</li><li>2. Estimation</li><li>3. Acumen</li></ul>	Question ID : 65497842865
Ans	<ul><li>1. Experience</li><li>2. Estimation</li><li>3. Acumen</li><li>4. Knowledge</li></ul>	Status : Answered
Ans	<ul><li>1. Experience</li><li>2. Estimation</li><li>3. Acumen</li><li>4. Knowledge</li></ul>	
	<ul><li>1. Experience</li><li>2. Estimation</li><li>3. Acumen</li><li>4. Knowledge</li></ul>	Status : Answered
	<ul><li>★ 1. Experience</li><li>★ 2. Estimation</li><li>★ 3. Acumen</li><li>★ 4. Knowledge</li></ul>	Status : Answered
Q.4	<ul> <li>X 1. Experience</li> <li>X 2. Estimation</li> <li>✓ 3. Acumen</li> <li>X 4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom.	Status : Answered
Q.4	1. Experience 2. Estimation 3. Acumen 4. Knowledge  Select the most appropriate meaning of the given idiom.  Hold the key	Status : Answered
Q.4	<ul> <li>1. Experience</li> <li>2. Estimation</li> <li>3. Acumen</li> <li>4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom. Hold the key <ul> <li>1. To own a property</li> </ul>	Status : Answered
Q.4	<ul> <li>1. Experience</li> <li>2. Estimation</li> <li>3. Acumen</li> <li>4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom. Hold the key <ul> <li>1. To own a property</li> <li>2. To keep a secret</li> <li>3. To have control of something</li> </ul>	Status : Answered
Q.4	<ul> <li>1. Experience</li> <li>2. Estimation</li> <li>3. Acumen</li> <li>4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom. Hold the key <ul> <li>1. To own a property</li> <li>2. To keep a secret</li> </ul>	Status : Answered
Q.4	<ul> <li>1. Experience</li> <li>2. Estimation</li> <li>3. Acumen</li> <li>4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom. Hold the key <ul> <li>1. To own a property</li> <li>2. To keep a secret</li> <li>3. To have control of something</li> </ul>	Status : Answered
Q.4	<ul> <li>1. Experience</li> <li>2. Estimation</li> <li>3. Acumen</li> <li>4. Knowledge</li> </ul> Select the most appropriate meaning of the given idiom. Hold the key <ul> <li>1. To own a property</li> <li>2. To keep a secret</li> <li>3. To have control of something</li> </ul>	Status : Answered Chosen Option : 3

Q.5 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. My neighbour's grandson / is only / five month old. Ans X 1. No error 2. My neighbour's grandson X 3. is only 4. five month old Question ID: 65497843550 Status: Answered Chosen Option: 4 Q.6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. My father was always ordering about my sister. Ans X 1. ordering on my sister 2. ordering my sister about 3. No improvement required X 4. giving order for my sister Question ID: 65497842654 Status: Answered Chosen Option: 4 Q.7 Select the INCORRECTLY spelt word. X 1. Correspondence X 2. Miscellaneous 3. Exclaimation 🗡 4. Disciplinarian Question ID: 65497842867 Status: Answered Chosen Option: 1 Q.8 Select the option that can be used as a one-word substitute for the given group of Something that is strong and lasts a long time without breaking or becoming weaker. 1. Durable Ans X 2. Harsh X 3. Pliable X 4. Secure Question ID: 65497842561 Status: Answered Chosen Option: 1

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. You should / have respond / to my query / sooner. X 1. to my query X 2. You should 3. have respond X 4. sooner Question ID: 65497842439 Status: Answered Chosen Option: 3 Q.10 Select the option that gives the most appropriate meaning of the underlined idiom. My friends succeeded because they <u>left no stone unturned</u> in their search for an answer to the problem. Ans X 1. depended on many people 2. made every possible effort X 3. looked in different places 4. proposed good plans Question ID: 65497843267 Status: Answered Chosen Option: 2 Q.11 Select the correct passive voice of the given sentence. She is making a beautiful beaded curtain. Ans X 1. A beautiful beaded curtain was being made by her. 2. A beautiful beaded curtain was made by her. 3. A beautiful beaded curtain is being made by her. 4. A beautiful beaded curtain is made by her. Question ID: 65497842544 Status: Answered Chosen Option: 3 Q.12 Select the correct active voice of the given sentence. Rohan was pushed into the pool by Karan. Ans X 1. Karan was pushing Rohan into the pool. 2. Rohan had pushed Karan into the pool. 3. Karan pushed Rohan into the pool. 4. Rohan pushed Karan into the pool. Question ID: 65497842644 Status: Answered Chosen Option: 3

2.13	Select the most appropriate ANTONYM of the given word.	
	Rectify	
Ans	✓ 1. Corrupt	
	X 2. Select	
	X 3. Correct	
	× 4. Assist	
		Question ID : 65497842961 Status : Answered
		Chosen Option : 1
		·
.14	Select the correct indirect speech form of the given sentence.	
	The teacher said, "You must work hard for your exams."	
ns	1. The teacher was advising her students to do work hard for th	eir exams.
	X 2. The teacher told students for working hard for their exams.	
	X 3. The teacher was telling her students to work hard for their ex	rams.
	4. The teacher advised her students to work hard for their exam	ns.
		Question ID : 65497843258
		Status · Anewordd
.15	Arrange the statements in the correct order to make a meaningf  A. But, in developed societies, the childhood and adolescence is  B. In rural communities, the customs are more uniform.	s extended.
.15	A. But, in developed societies, the childhood and adolescence is	Chosen Option : 4  ful paragraph. s extended.
	A. But, in developed societies, the childhood and adolescence is     B. In rural communities, the customs are more uniform.     C. This provides more opportunities for education and characte	Chosen Option : 4  ful paragraph. s extended.
	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.	Chosen Option : 4  ful paragraph. s extended.
	<ul> <li>A. But, in developed societies, the childhood and adolescence is</li> <li>B. In rural communities, the customs are more uniform.</li> <li>C. This provides more opportunities for education and characte</li> <li>D. The practices of child rearing vary from culture to culture.</li> <li>1. DABC</li> <li>2. BADC</li> <li>3. DBAC</li> </ul>	Chosen Option : 4  ful paragraph. s extended.
	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA	Chosen Option : 4  ful paragraph. s extended.
	<ul> <li>A. But, in developed societies, the childhood and adolescence is</li> <li>B. In rural communities, the customs are more uniform.</li> <li>C. This provides more opportunities for education and characte</li> <li>D. The practices of child rearing vary from culture to culture.</li> <li>1. DABC</li> <li>2. BADC</li> <li>3. DBAC</li> </ul>	Chosen Option : 4 ful paragraph. s extended. r development.
	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC 2. BADC 3. DBAC 4. BCDA	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655
	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC 2. BADC 3. DBAC 4. BCDA	Chosen Option : 4 ful paragraph. s extended. r development.
uns	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
Ans	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
s	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
ns	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC 2. BADC 3. DBAC 4. BCDA  Select the most appropriate synonym of the given word.  Disrupt 1. Breach	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
ns	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt  1. Breach  2. Injure	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
1.16	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt  1. Breach  2. Injure  3. Arrange	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
Ans Ω.16	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt  1. Breach  2. Injure	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered
Ans	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt  1. Breach  2. Injure  3. Arrange	Chosen Option: 4  ful paragraph. s extended. r development.  Question ID: 65497842655 Status: Answered Chosen Option: 3
Ans Ω.16	A. But, in developed societies, the childhood and adolescence is B. In rural communities, the customs are more uniform.  C. This provides more opportunities for education and characte D. The practices of child rearing vary from culture to culture.  1. DABC  2. BADC  3. DBAC  4. BCDA  Select the most appropriate synonym of the given word.  Disrupt  1. Breach  2. Injure  3. Arrange	Chosen Option : 4  ful paragraph. s extended. or development.  Question ID : 65497842655 Status : Answered

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The crew / of sailors / were not perturbed / by the strong gale. X 1. of sailors X 2. by the strong gale X 3. The crew 4. were not perturbed Question ID: 65497842541 Status: Answered Chosen Option: 3 Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The manager said, "Could you please / confirm me whether you / have received all the items / that you had ordered?" 1. The manager said, "Could you please X 2. that you had ordered X 3. have received all the items 4. confirm me whether you Question ID: 65497843249 Status: Answered Chosen Option: 3 Q.19 Select the INCORRECTLY spelt word. Ans X 1. Contrary 2. Terribal X 3. Longitude X 4. Manners Question ID: 65497842563 Status: Answered Chosen Option: 2 Q.20 Select the most appropriate ANTONYM of the given word. Negligent Ans X 1. Faithful X 2. Strange X 3. Indifferent 4. Careful Question ID: 65497843265 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.  The greedy man rushed home to tell his wife and daughter about his wish, all the (1) touching the objects in his path and watching (2) convert into gold. Once he got home, his daughter (3) to greet him. As soon as he bent (4) to scoop her up in his arms, she turned into a golden statue. He was (5) and started crying and trying to bring his daughter back to life.		
	SubQuestion No : 21		
Q.21	1 Select the most appropriate option to fill in blank number 1.		
Ans	s 🚀 1. while		
	X 2. wayside		
	X 3. interval		
	X 4. bit		
	Question ID : <b>65497842849</b>		
	Status : Answered		
	Chosen Option: 1		
	Comprehension:		
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.		
	The greedy man rushed home to tell his wife and daughter about his wish, all the (1)		
	touching the objects in his path and watching (2) convert into gold. Once he got home, his daughter (3) to greet him. As soon as he bent (4) to scoop her up		
	in his arms, she turned into a golden statue. He was (5) and started crying and trying to bring his daughter back to life.		
	SubQuestion No : 22		
Q.22	.22 Select the most appropriate option to fill in blank number 2.		
Ans	s X 1. there		
	✓ 2. them		
	X 3. their		
	X 4. those		
	Question ID : 65497842850		
	Status : Answered		
	Chosen Option : 2		

	Comprehension:			
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.  The greedy man rushed home to tell his wife and daughter about his wish, all the (1) touching the objects in his path and watching (2) convert into gold. Once he got home, his daughter (3) to greet him. As soon as he bent (4) to scoop her up in his arms, she turned into a golden statue. He was (5) and started crying and trying to bring his daughter back to life.			
	SubQuestion No : 23			
Q.23	Select the most appropriate option to fill in blank number 3.  1. rushing			
Ans				
	× 2. was rush			
	X 3. has rushed			
	✓ 4. rushed			
	*			
		Question ID : <b>65497842851</b>		
		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.  The greedy man rushed home to tell his wife and daughter about his wish, all the (1) touching the objects in his path and watching (2) convert into gold. Once he got home, his daughter (3) to greet him. As soon as he bent (4) to scoop her up in his arms, she turned into a golden statue. He was (5) and started crying and trying to bring his daughter back to life.			
	SubQuestion No : 24			
Q.24	Q.24 Select the most appropriate option to fill in blank number 4.			
Ans	s X 1. along X 2. up			
	X 3. through			
	✓ 4. down			
	4 0	Overting ID 07407040070		
		Question ID: 65497842852 Status: Answered		
		Chosen Option : 4		
		,		

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Question ID: 65497842853 Status: Answered