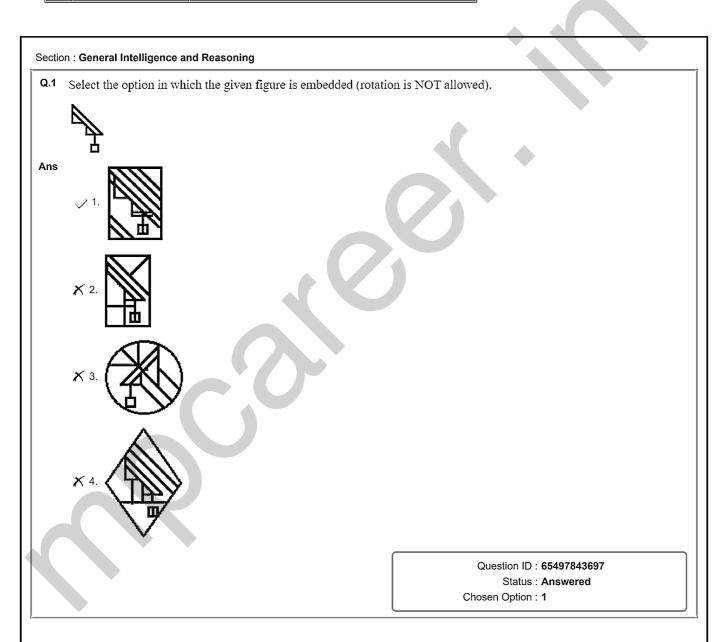
# Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I



Q.2	Select the letter-cluster that can replace the question mark	(?) in the following series.
	YZT, WXR, UVP, ?	
Ans	<b>※</b> 1. TSM	
	<b>※</b> 2. TSO	
	<b>※</b> 3. STM	
	√ 4. STN	
	·	
		Question ID : 65497843481
		Status : Answered
		Chosen Option : 4
Q.3	Select the letter-cluster from among the given options that	can replace the question
	mark (?) in the following series.	
	LGG, PJL, KMO, OPT, LSG, ?	
Ans	√ 1. PVL	
	<b>★</b> 2. OVK	
	<b>X</b> 3. NUL	<b>4</b> •
	<b>※</b> 4. PUK	
	* '	
		Question ID : 65497842464
		Status : Answered
		Chosen Option : 1
	A cube of side 125 cm is painted red on all the faces and then cut into smalle	
	number of smaller cubes having at least two faces painted.	er cubes of sides 25 cm each. Find the
	number of smaller cubes having at least two faces painted.  1. 48	er cubes of sides 25 cm each. Find the
	number of smaller cubes having at least two faces painted.  1. 48  2. 36	er cubes of sides 25 cm each. Find the
	number of smaller cubes having at least two faces painted.  1. 48	er cubes of sides 25 cm each. Find the
	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44	Question ID : 65497842484
	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44	Question ID : 65497842484
	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44	Question ID : 65497842484  Status : Not Attempted and Marked For Review
	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44	Question ID : 65497842484
Ans	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Ans	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Ans	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	mumber of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52  Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	mumber of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52  Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX  X 3. FKX	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	mumber of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52  Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX	Question ID : 65497842484  Status : Not Attempted and Marked For Review  Chosen Option :
Q.5	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX  X 3. FKX	Question ID: 65497842484 Status: Not Attempted and Marked For Review Chosen Option:
Ans	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX  X 3. FKX	Question ID: 65497842484  Status: Not Attempted and Marked For Review  Chosen Option:
Q.4 Ans	number of smaller cubes having at least two faces painted.  X 1. 48  X 2. 36  3. 44  X 4. 52   Select the option that is related to the third letter-cluster in second letter-cluster is related to the first letter cluster.  JLT: QPG:: SGB:?  1. HKY  X 2. KJX  X 3. FKX	Question ID: 65497842484 Status: Not Attempted and Marked For Review Chosen Option:

Q.6	.6 Select the correct combination of mathematical signs that can sequentially replace the	
	* signs and make the given equation correct.	
	55 * 126 * 14 * 520 * 30 * 5	
Ans	•	
	<b>X</b> 2. +, ÷, −, =, ×	
	<b>X</b> 3. =, ×, +, ÷, −	
	<b>★</b> 4. =, -, +, ÷, ×	
		Question ID : 65497842481 Status : Answered Chosen Option : 1
Q.7	The sequence of folding a piece of paper and the manner in which the folded paper	has been cut is shown in the
	following figures. How would this paper look when unfolded?	
Ans		
	✓ 1.	•
	√ 1.	
	V V V	
	X 2. A A A A	
	× 3.   \( \triangle \trian	
	X 4. \[ \begin{pmatrix} \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta & \Delta & \Delta & \Delta & \Delta \\ \Delta & \Delta \\ \Delta & \D	
	$\wedge$ 4. $\triangle$ $\triangle$ $\triangle$ $\triangle$	
		Question ID : 65497843295
		Status : <b>Answered</b>
		Chosen Option : 1

Q.8 There are six members, P, Q, R, S, T and U, in a family. T is the brother of P's husband. U is the mother of T. Q is the daughter of S and P and the granddaughter of R. How is R related to T?

Ans 🧳

1. Father

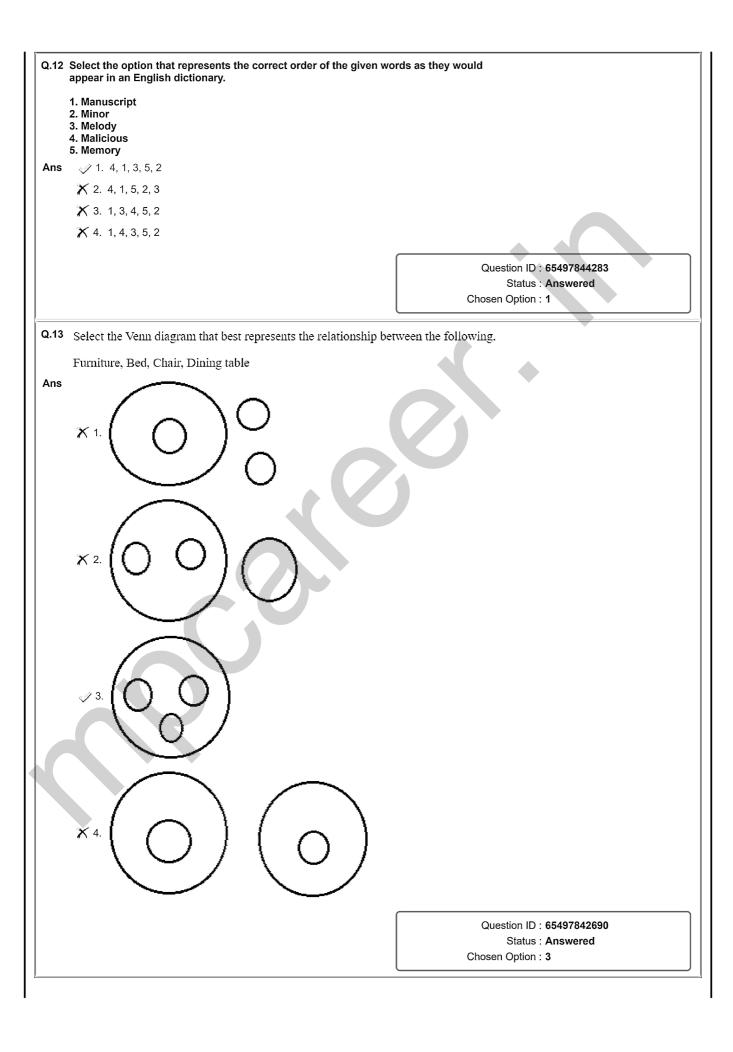
X 2. Son

X 3. Brother

X 4. Uncle

Question ID : 65497842169 Status : Answered

	(?) in the following series.	
	61, 70, 95, ?, 225, 346	
ıs	<b>X</b> 1. 136	
	√ 2. 144	
	<b>X</b> 3. 182	
	<b>X</b> 4. 132	
		0.0000000000000000000000000000000000000
		Question ID : 65497843687 Status : Answered
		Chosen Option: 2
.10	Read the given statements and conclusions carefully. given in the statements is true, even if it appears to be known facts, decide which of the given conclusions lo statements.	at variance with commonly
	Statements:	
	All bean bags are chairs. All chairs are couches.	
	All couches are sofas.	
	Conclusions:	
	I. Some sofas are couches. II. Some couches are bean bags.	
	III. All couches are bean bags.	
ns	✗ 1. Only conclusions II and III follow.	
	√ 2. Only conclusions I and II follow.	
	✗ 3. Only conclusion II follows.	<b>X</b> /
	★ 4. All conclusions I, II and III follow.	
		Question ID : 65497842474
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen Option . 2
2.11	Study the given pattern carefully and select the number	er from among the given options
	that can replace the question mark (?) in it.	
	24 36 32	
	6 3 ? 12 2 24	
	12 54 24	
Ins	<b>X</b> 1. 10	
	<b>≭</b> 2. 15	
	3. 18	
	X 4.29	
	, i · · -	
		Over-15-11-11-11-11-11-11-11-11-11-11-11-11-
		Question ID : 65497843691
		Status: Not Attempted and Marked For Review Chosen Option:



Q.14	Select the number from among the given options that can replace the question mark
	(?) in the following series.

352, 288, 252, 236, ?

Ans 🗶 1. 220

X 2. 208

√ 3. 232

X 4. 192

Question ID: 65497842476

Status : Answered

Chosen Option: 3

#### Q.15 In a certain code language, 'DURABLES' is written as 'BSVETFMC'. How will 'FEASIBLE' be written in that language?

Ans X 1. TBFFGMJC

X 2. TDFGFNCJ

✗ 3. TBGHFMDJ

4. TBFGFMCJ

Question ID: 65497843478

Status : Answered

Chosen Option: 4

Q.16 Avanish got 78% marks in an examination and Kapil got 64% marks in the same examination. If the sum of the marks obtained by Kapil and Avanish is 923, then find the marks obtained by Kapil in the examination.

Ans X 1. 507

2. 416

**X** 3. 458

**X** 4. 600

Question ID: 65497842680

Status : Answered

Chosen Option: 2

### Q.17 Which two signs need to be interchanged to make the following equation correct?

$$9 \times 98 \div 14 + 3 - 19 = 11$$

Ans X 1. - and +

✓ 2. + and ×

★ 3. – and ×

★ 4. ÷ and -

Question ID: 65497842177

Status: Answered

Q.18 Six friends, David, Bhanu, Minto, Krita, John and Nisan, are sitting in a circle with their backs towards the centre. David and Minto are sitting to the immediate left and right of Bhanu, respectively. John is not sitting to the immediate left of David. Nisan is sitting third to the right of Bhanu. Who is sitting second to the left of Bhanu?

Ans 🗶 1. John

🧳 2. Krita

💢 3. Nisan

X 4. Minto

Question ID : 65497842170 Status : Answered

Chosen Option: 2

Q.19 Select the figure from among the given options that can replace the question mark (?) in the following series.

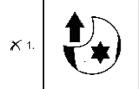


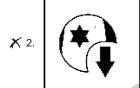




?

Ans



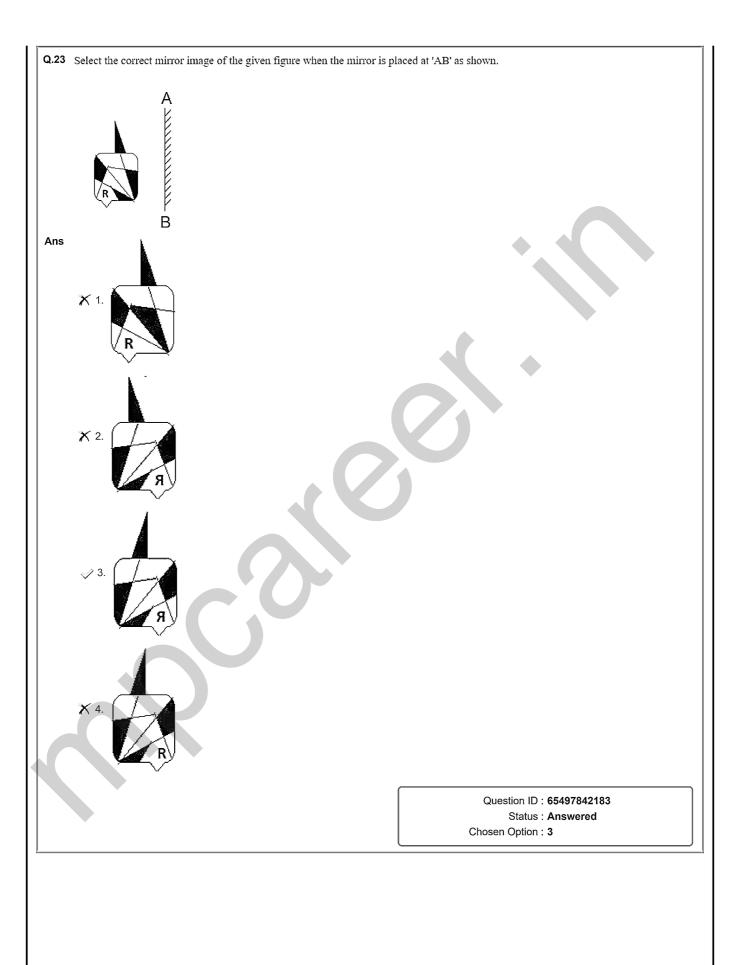






Question ID : 65497842180 Status : Answered

Q.20 In a certain code language, 'take this vaccine' is written as '892', 'vaccine protects us' is written as '263', and 'take us safe' is written as '593'. How will 'safe vaccine' be written in that language? Ans **X** 1.85 2. 25 **X** 3. 23 **X** 4. 26 Question ID: 65497843682 Status: Answered Chosen Option: 2 Q.21 In a certain code language, 'SALT' is coded as '16', and 'PICKLE' is coded as '36'. How will 'PRESERVATIVE' be coded in that language? **1.144** Ans **X** 2. 88 **X** 3.72 **X** 4. 96 Question ID: 65497843277 Status: Answered Chosen Option: 1 Q.22 Select the option that is related to the third number in the same way as the second number is related to the first number. 68:321::525:? **X** 1. 852 Ans X 2. 681 √ 3. 778 **X** 4. 792 Question ID: 65497843285 Status : Not Attempted and Marked For Review Chosen Option: --



Q.24 One morning. Chitrashi and Ayaan sit facing each other. If the shadow of Ayaan falls which direction is Ayaan facing?	to the left of Chitrashi. then in
Ans X 1. North	
X 2. East	
✓ 3. South	
X 4. West	
*\ west	
	Question ID : 65497843290
	Status : <b>Answered</b> Chosen Option : 1
	Chosen Option . 1
Q.25 Four letter-clusters have been given, out of which three are alike one is different. Select the letter-cluster that is different.	in some manner and
Ans X 1. FUBY	
√ 2. WEKP	
X 3. SHOL	
<b>☆</b> 4. PKRI	•
	Question ID : 65497843678
	Status : Answered
	Chosen Option : 2
Section : General Awareness	
Q.1 is a tax system that collects a greater share of income from incomes than from those with lower incomes.	om those with high
Ans X 1. Proportional tax	
★ 2. Regressive tax	
★ 3. Payroll tax	
4. Progressive tax	
	Question ID : 65497843299
	Status : Not Answered Chosen Option :
	Criosen Option :
Q.2 is a form of ballad singing prevalent in Odisha.	
Ans X 1. Kajri	
√ 2. Daskathia	
✗ 3. Powada	
★ 4. Sohar	
	Question ID : 65497843701
	Status : Not Answered
	Chosen Option :

Q.3		
	As announced by the Ministry of Finance in January 2021, extern GDP stood at at the end of September 2020.	al debt as a ratio to
Ans	√ 1. 21.6%	
	<b>X</b> 2. 18.2%	
	<b>×</b> 3. 16.9%	
	<b>X</b> 4. 12.4%	
	* 1	
		Question ID: 65497842190
		Status : Not Answered
		Chosen Option :
Q.4	Which of the following is an indigenous dairy breed of cattle?	<b>*</b> . <b>*</b>
Ans	✓ 1. Red Sindhi	
	X 2. Chippiparai	
	X 3. Kanni	
	★ 4. Kombai	*
	4. Rollibal	
		Question ID : 65497842701
		Status : Not Answered
		Chosen Option :
Q.5	In which of the following sessions of the Indian National Congres	es did George Yule
Ans	become the President in 1888?  1. Calcutta	
Allo	✓ 2. Allahabad	
	X 3. Madras  A 5 1 − − − − − − − − − − − − − − − − − −	
	★ 4. Bombay	
		Question ID : 65497843715
		Status : Marked For Review
		Chosen Option : 3
Q.6	The Constitutional Amendment Act gave constitutional st Raj institutions.	atus to Panchayati
Ans	X 1. 68th	
	√ 2. 73rd	
	× 3. 82nd	
	★ 4. 54th	
	<b>4.</b> 9. 9401	
		Question ID : 65497842207
		Status : Answered
		Chosen Option : 2

Q.7	The Contempt of Courts Act was passed to define and limit the pocurts in punishing contempt of courts and to regulate their proceed thereto. In which of the following years was the Act passed?	
Ans	√ 1. 1971	
	<b>X</b> 2. 1975	
	<b>※</b> 3. 1969	
	<b>X</b> 4. 1982	
		Question ID : 65497843317
		Status : <b>Not Answered</b> Chosen Option :
Q.8	Urea, a commonly used nitrogen-based fertiliser, is prepared by the	e reaction between
Ans	ammonia and   1. carbon dioxide	
74110	★ 2. hydrogen	
	★ 3. oxygen	•
	<ul><li>✗ 4. sulphur</li></ul>	
	4. sulpnur	
		Question ID : 65497842699
		Status : Not Attempted and Marked For Review
		Marked For Review Chosen Option :
		Chestin Spatial
Q.9	The greater one-horned rhino is listed under the Schedule Protection Act, 1972.	of the Wildlife
Ans	<b>※</b> 1. Ⅱ	
	<b>※</b> 2. Ⅳ	
	<b>※</b> 3. Ⅲ	
		Question ID : 65497843304
		Status : <b>Not Answered</b> Chosen Option :
Q.10	The Government of India held a vaccination programme called 'Til	ka Utsav' from
Ans	\$\sigma 1. 11th to 14th April 2021	
	X 2. 1st to 4th April 2021	
	X 3. 15th to 18th April 2021	
	★ 4. 5th to 9th April 2021	
1	47 4. out to out April 2021	
	, i	Question ID : 65497842203
		Status : Answered
		Chosen Option : 2

Q.11	In which Indian state will you find Mount Tiyi?	
Ans	💢 1. Arunachal Pradesh	
	🗶 2. Odisha	
	✗ 3. Himachal Pradesh	
		Question ID : 65497842501  Not Attempted and
		Status : Not Attempted and Marked For Review
		Chosen Option :
Q.12	Which of the following rivers is also called Vyath?	<b>*</b> • • • • • • • • • • • • • • • • • • •
Ans	√ 1. Jhelum	
	🗶 2. Zanskar	
	🗶 3. Tawi	
	★ 4. Shyok	
		Question ID : 65497842197
		Status : Not Attempted and Marked For Review
		Chosen Option :
	<ul><li>✗ 3. Prakash Amte</li><li>✓ 4. Sharankumar Limbale</li></ul>	
		Question ID : 65497842710 Status : Answered
		Chosen Option : 4
.14	In which of the following years was the Dowry Prohibition Act p	
	In which of the following years was the Dowry Prohibition Act p	
	X 1. 1967	
	<ul><li>★ 1. 1967</li><li>✓ 2. 1961</li></ul>	
	<ul><li>★ 1. 1967</li><li>✓ 2. 1961</li><li>★ 3. 1952</li></ul>	Question ID: 65497843723
	<ul><li>★ 1. 1967</li><li>✓ 2. 1961</li><li>★ 3. 1952</li></ul>	Question ID: 65497843723
Q.14 Ans	<ul><li>★ 1. 1967</li><li>✓ 2. 1961</li><li>★ 3. 1952</li></ul>	passed in India?

Q.15	The Cabinet Committee on Economic Affairs (CCEA) approved a Minimum Support Prices (MSPs) for all mandated Rabi crops for 2021–22 in line with the recommendations of the Commis	the marketing season
Ans	★ 1. Kothari	
	🗶 2. Nanavati	
	X 4. Mukherjee	
		Question ID : 65497842694
		Status : Not Answered Chosen Option :
		Sheeth Space.
Q.16	, a fluid secreted by new mothers during the initial days o	f lactation, contains
Ans	nutrients that boost a baby's immune system and helps fight info	ection.
Alis		
	X 2. Synovia	<u> </u>
	★ 4. Cerumen	•
		Question ID : 65497843707
		Status : Not Answered
		Chosen Option :
0.47	In the who and the primitive forms of subjection is called.	
Ans	In Jharkhand, the primitive form of cultivation is called:  1. Kuruwa	
,	X 2. Khil	
	X 3. Kumari	
	X 4. Valre	
	4. valle	
		Question ID : 65497843714
		Status : Marked For Review
		Chosen Option : 2
Q.18	Which country does Dominic Thiem, the winner of 2020 U.S. Ope Championships, represent?	n Men's
Ans	★ 1. Germany	
	X 2. The US	
	√ 3. Austria	
	X 4. Denmark	
1		Question ID : 65497842715
	·	Status : Answered
		Chosen Option : 2

Q.19	The Bhaja Caves are located in	
Ans	★ 1. Uttar Pradesh	
	√ 2. Maharashtra	
	🗶 3. Rajasthan	
	💢 4. Bihar	
		Question ID : 65497842490
		Status : Not Attempted and Marked For Review
		Chosen Option :
Q.20	In which of the following years was the civil disobedience camp ceased?	aign completely
Ans	<b>X</b> 1. 1917	
	<b>X</b> 3. 1923	•
	<b>X</b> 4. 1943	
	*	
		Question ID : 65497843313
		Status : Marked For Review
		Chosen Option : 3
Q.21	Gold and copper happen to absorb and violet light, leav	ing yellow light.
Ans	X 1. green	
	<b>X</b> 3. red	
	X 4. orange	
		Question ID : 65497842494
		Status : Not Answered
		Chosen Option :
Q.22	The UN's Sustainable Development Goal 6 aims to	
	1. ensure healthy lives and promote well-being for all at all age	s
	2. ensure availability and sustainable management of water an	d sanitation for all
	✗ 3. end poverty in all forms everywhere	
	X 4. take urgent action to combat climate change and its impact	
		Question ID : 65497842195
		Status : Answered
		Chosen Option : 1
Q.23	King Lalitaditya Muktapida ruled over	
Ans	X 1. Gujarat	
	★ 2. Sikkim	
	🗶 3. Kerala	
	•	
		Question ID : <b>65497842504</b>
		Status : Not Answered
		Chosen Option :

## Q.24 Who among the following was India's longest serving prime minister as of April 2021?

Ans 🧳 1. Jawaharlal Nehru

🗶 2. Indira Gandhi

X 3. IK Gujral

X 4. Narendra Modi

Question ID: 65497843315 Status: Answered Chosen Option: 1

# Q.25 Which of the following sports was included in the Khelo India Youth Games 2021 in a bid to develop it as a competitive sport ?

Ans 💢 1. Mukna

2. Yogasana

X 3. Dhopkhel

X 4. Mallakhamb

Question ID: 65497842512 Status: Answered Chosen Option: 4

#### Section: Quantitative Aptitude

 $tan^2A + 5$  secA = 13, where  $0 \le A \le 90^\circ$ . Solve for A (in degrees).

Ans 🗶 1. 0

√ 2. 60

X 3. 45

X 4. 30

Question ID: 65497843340 Status: Answered Chosen Option: 4

**Q.2** In  $\triangle$ ABC, AD is perpendicular to BC and AE is the bisector of  $\angle$ BAC. If  $\angle$ ABC = 58° and  $\angle$ ACB = 34°, then find the measure of  $\angle$ DAE.

Ans

√ 1. 12°

X 2. 119

X 3. 22°

× 4. 15°

Question ID : 65497842228 Status : Answered

**Q.3** In a circle with centre O, AC and BD are two chords, AC and BD meet at E, when produced. If AB is a diameter and  $\triangle AEB = 36^{\circ}$ , then the measure of  $\triangle DOC$  is:

Ans X 1. 112°

X 2. 124°

X 3. 136°

√ 4. 108°

Question ID: 65497842529 Status: Answered Chosen Option: 4

If  $8k^6 + 15k^3 - 2 = 0$ , then the positive value of  $\left(k + \frac{1}{k}\right)$  is:

Ans

$$\sqrt{2} 1. 2 \frac{1}{2}$$

X 2. 
$$2\frac{1}{8}$$

**X** 3. 
$$8\frac{1}{2}$$

× 4. 8 
$$\frac{1}{8}$$

Question ID : 65497843335 Status : Answered Chosen Option : 1

Q.5 If  $2k \sin 30^{\circ} \cos 30^{\circ} \cot 60^{\circ} = \frac{\cot^2 30^{\circ} \sec 60^{\circ} \tan 45^{\circ}}{\csc^2 45^{\circ} \csc 30^{\circ}}$ , then find the value of k.

Ans

$$X$$
 1.  $\frac{3}{2}$ 

V 2. 3

**X** 3. 1

X 4. 6

Question ID : 65497842230 Status : Answered

Q.6 A, B and C invested ₹40,000, ₹48,000 and ₹80,000, respectively, for a business at the start of a year. After six months, for the remaining time of the year, A added ₹4,000, B added ₹4,000 while C withdrew ₹4,000 every month. If the total profit is  $\stackrel{>}{\scriptscriptstyle{\leftarrow}}6,72.000$ , then what is C's share (in  $\stackrel{>}{\scriptscriptstyle{\leftarrow}}$ )? Ans X 1. 1,96,750

X 2. 1,80,480

**X** 3. 2,11,200

4. 2,80,320

Question ID: 65497843329

Not Attempted and Status: Marked For Review

Chosen Option: --

Q.7 The average of 15 numbers is 30, while the average of 13 of these numbers is 32. If the remaining two numbers are equal, then what is each of the two numbers?

Ans X 1. 34

X 2. 31

√ 3. 17

X 4. 16

Question ID: 65497844651 Status: Answered

Chosen Option: 3

Q.8 A certain sum on simple interest becomes ₹49,600 in 3 years and ₹56,000 in 5 years. If the rate of interest had been 2% more, then in how many years would the sum have doubled?

Ans

√ 1. 10

X 2. 8

X 3. 12

X 4. 20

Question ID: 65497843734

Status: Answered

Chosen Option: 1

In a circle, ABCD is a cyclic quadrilateral, AC and BD intersect each other at P. If AB = AC and \( \triangle BAC = 48^\circ\), then the measure of ∠ADC is

Ans × 1. 104°

X 2. 112°

**X** 3. 132°

√ 4. 114°

Question ID: 65497843740 Status: Answered

Q.10 Five men and 2 boys can do in 30 days as much work as 7 men and 10 boys can do in 15 days. How many boys should join 40 men to do the same work in 4 days?

Ans

√ 1. 10

X 2. 15

**X** 3. 12

X 4. 14

Question ID: 65497842220

Status : Answered

Chosen Option: 1

Q.11 If 8A5146B is divisible by 88, then what is the value of BA?

Ans

Question ID: 65497842514

Status : Answered

Chosen Option: 2

**Q.12** The angles of a triangle are  $(8x-15)^0$ ,  $(6x-11)^0$  and  $(4x-10)^0$ . What is the value of x?

Ans

Question ID: 65497843338

Status : Answered

Chosen Option: 1

Q.13

If x - y + z = 0, then find the value of  $\frac{y^2}{2xz} - \frac{x^2}{2yz} - \frac{z^2}{2xy}$ .

Ans

$$\times$$
 2.  $\frac{1}{2}$ 

$$\times$$
 3.  $-6$ 

$$\times$$
 4.  $-\frac{3}{7}$ 

Question ID: 65497842223

Status : Answered

Q.14

The value of  $\frac{2}{7} - \frac{3}{8} - \left[2\frac{1}{4} \div 3\frac{1}{2}of1\frac{1}{3} + \left\{1\frac{17}{40} - \left(3 - 1\frac{1}{5} - \frac{3}{8}\right)\right\}\right]$  is:

Ans

X 1. 
$$\frac{2}{7}$$

$$\sqrt{2} = \frac{4}{7}$$

$$\times$$
 3.  $-\frac{2}{7}$ 

$$\times$$
 4.  $\frac{4}{7}$ 

Question ID : 65497842718

Status : Answered

Chosen Option : 2

Q.15 A journey of 900 km is completed in 11 h. If two-fifth of the journey is completed at the speed of 60 km/h, at what speed (in km/h) is the remaining journey completed?

Ans

Question ID : 65497843332

Status : Answered

Chosen Option : 1

**Q.16** From a point P on a level ground, the angle of elevation of the top of a tower is  $30^\circ$ . If the tower is  $110\sqrt{3}$  m high, what is the distance (in m) of point P from the foot of the tower?

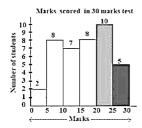
Ans

Question ID: 65497842736

Status : Answered

Q.17 The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test.

What is the percentage of students who scored 20 or more marks? (correct to one decimal place)



Ans × 1. 15%

X 2. 57.5%

X 3. 55%

√ 4. 37.5%

Question ID: 65497843750

Status : Answered

Chosen Option: 4

Q.18 How many small solid spheres each of 5 mm radius can be made out of a metallic solid cone whose base has radius 21 cm and height 30 cm?

Ans 🗶 1. 32000

√ 2. 26460

X 3. 25000

X 4. 18260

Question ID: 65497844649

Status : Answered

Q.19 The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school.

Study the pie chart and table and answer the question that follows.



School	Gats : Boys
A	3 4
8	2 3
C	5 3
0	1.2
E	4.1

If the total number of girls from all five schools is represented as a pie chart, then what will be the measure of the sector angle (to the nearest integer) corresponding to school B?

Question ID: 65497842738

Status : Not Attempted and Marked For Review

Chosen Option: --

**Q.20** A and B are two prime numbers such that A > B and their LCM is 209. The value of  $A^2 - B$  is:

Ans

Question ID: 65497842717

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.21 A dealer allows his customers a discount of 18% and still gains 24%. If an article costs ₹1.560 to the dealer, what is its marked price (to the nearest ₹)?

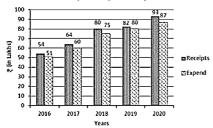
Ans

Question ID: 65497843326

Status: Answered

Q.22 The following bar graph shows receipts and expenditure of a business firm over 5 years. Gain = Receipts – Expenditure.

What is the increase percentage in receipts from 2017 to 2018?



Ans × 1. 6.6

√ 2. 25

X 3. 2.5

X 4. 20

Question ID : 65497842335 Status : Answered

Chosen Option: 2

Q.23 A person's salary was decreased by 50% and subsequently increased by 50% and then again increased by 100%. How much percentage does he lose or gain?

Ans X 1. Loss of 40%

√ 2. Gain of 50%

X 3. Gain of 25%

**X** 4. Loss of 10%

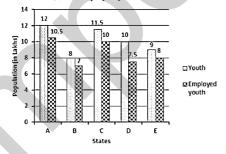
Question ID: 65497842519

Status : Answered

Chosen Option: 2

Q.24 The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in five states A, B, C, D and E.

Which state(s) has employed youth less than 80% of its total youth population?



Ans 1. D

X 2. B and D

X 3. C and D

X 4. A

Question ID : 65497843444 Status : Answered

	the second, he loses 10%. Find the overall gain or loss percentage.	
Ans	X 1. Gain of 16%	
	√ 2. Gain of 5%	
	<b>★</b> 3. Loss of 5%	
	X 4. Gain of 12%	
		Question ID : 65497842217 Status : Answered
		Chosen Option: 4
ectio	on : English Comprehension	
Q.1	The following sentence has been split into four segments. Id contains a grammatical error.	entify the segment that
	As it has been raining heavily / since two hours, / the childre	n are / at home.
ns	X 1. at home	
	∠ 2. since two hours,	
	X 3. As it has been raining heavily	
	★ 4. the children are	
		Question ID : 65497843247
		Status : Marked For Review
		Chosen Option : 2
ე.2	Select the most appropriate ANTONYM of the given word.	
	Linger	
Ans	√ 1. Leave	
	X 2. Choose	
	<ul><li>X 2. Choose</li><li>X 3. Entertain</li></ul>	
	★ 3. Entertain	
	★ 3. Entertain	Question ID : 65497842557 Status : Answered
	★ 3. Entertain	Question ID : 65497842557 Status : Answered Chosen Option : 4
	★ 3. Entertain ★ 4. Annoy	Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.3	★ 3. Entertain	Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.3	X 3. Entertain X 4. Annoy  Select the option that can be used as a one-word substitute twords.	Status : Answered Chosen Option : 4  for the given group of
	<ul><li>✗ 3. Entertain</li><li>✗ 4. Annoy</li></ul> Select the option that can be used as a one-word substitute of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option that can be used as a constant of the option	Status : Answered Chosen Option : 4  for the given group of
	<ul> <li>✗ 3. Entertain</li> <li>✗ 4. Annoy</li> </ul> Select the option that can be used as a one-word substitute to words. A medical condition in which somebody partly or completely ✓ 1. Amnesia	Status : Answered Chosen Option : 4  for the given group of
	X 3. Entertain X 4. Annoy  Select the option that can be used as a one-word substitute twords.  A medical condition in which somebody partly or completely	Status : Answered Chosen Option : 4  for the given group of
	Select the option that can be used as a one-word substitute twords.  A medical condition in which somebody partly or completely 1. Amnesia  2. Asphyxia	Status : Answered Chosen Option : 4  for the given group of
	Select the option that can be used as a one-word substitute twords.  A medical condition in which somebody partly or completely  1. Amnesia  2. Asphyxia  3. Anaemia	Status : Answered Chosen Option : 4  for the given group of  loses their memory
	Select the option that can be used as a one-word substitute twords.  A medical condition in which somebody partly or completely  1. Amnesia  2. Asphyxia  3. Anaemia	Status : Answered Chosen Option : 4  For the given group of Ploses their memory  Question ID : 65497843369
Q.3	Select the option that can be used as a one-word substitute twords.  A medical condition in which somebody partly or completely  1. Amnesia  2. Asphyxia  3. Anaemia	Status : Answered Chosen Option : 4  for the given group of  loses their memory

Q.4	Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.		
	He's not so friendly like she is.		
Ans	√ 1. so friendly as		
	✗ 2. as friendly like		
	★ 3. so friendly that		
	★ 4. No improvement required		
		Question ID : 65497842755 Status : Answered	
		Chosen Option : 1	
0.5	Select the INCORRECTLY spelt word.		
Ans			
	<ul><li>✓ 2. Stratagy</li></ul>		
	•		
	X 3. Stationary  → C 1. C 1		
	★ 4. Stationery		
		Question ID : 65497843371	
		Status : Marked For Review	
	\	Chosen Option : 4	
Ans	How many / eggs were put / into the basket?  1. How many  2. No error  3. eggs were put  4. into the basket	Question ID : 65497842237 Status : Answered	
		Chosen Option : 3	
Q.7 Select the most appropriate option to fill in the blank.			
	This app is a very one for online shopping.		
Ans	X 1. convenience		
	★ 2. competency		
	X 4. capable		
		Question ID : 65497842261	
		Status : Answered	
		Chosen Option : 3	

Q.8 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. We might as well watch a film on TV as there's nothing much to do. Ans 1. No improvement required X 2. may as such X 3. may as well as X 4. might well Question ID: 65497842552 Status: Marked For Review Chosen Option: 4 Q.9 Select the correct active voice form of the given sentence. All the inmates were rescued from the building by the firemen. X 1. The firemen are rescuing all the inmates from the building. 2. The firemen have been rescuing all the inmates from the building. X 3. The firemen have rescued all the inmates from the building. 4. The firemen rescued all the inmates from the building. Question ID: 65497842745 Status: Answered Chosen Option: 4 Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. We have / not met / some of our friends / since six months. Ans 1. since six months X 2. We have X 3. not met X 4. some of our friends Question ID: 65497843754 Status: Answered Chosen Option: 1 Q.11 Select the correct active voice form of the given sentence. All the prize winning books have been displayed on the tables. Ans X 1. We have to display all the prize winning books on the tables. X 2. We are displaying all the prize winning books on the tables. 3. We have displayed all the prize winning books on the tables. ★ 4. We will be displaying all the prize winning books on the tables. Question ID: 65497843352 Status: Answered

Q.12 Select the option that can be used as a one-word substitute for the given group of words. The examination or observation of one's own mental and emotional processes Ans X 1. Assessment 2. Introspection X 3. Inspection X 4. Valuation Question ID: 65497843772 Status: Answered Chosen Option: 2 Q.13 Given below are four sentences which are jumbled. Pick the option that gives their correct order. A. Schools are closed for the Christmas and winter break at this time of the year. B. Christmas and New Year are the time of the year to celebrate. C. All over the city, winter carnivals and Christmas bazaars lend fun and warmth in the D. For the second time in a row, we are likely to see restrained celebrations for fear of the pandemic raising its ugly head again. Ans X 1. BADC J 2. BACD X 3. ABCD X 4. BCDA Question ID: 65497842756 Status: Marked For Review Chosen Option: 2 Q.14 Select the most appropriate meaning of the underlined idiom in the given sentence. When I asked for an expensive dress for my friend's wedding, my mother reminded me that money does not grow on trees. Ans X 1. Money is freely available to spend X 2. Money is like leaves of a tree and freely available ✗ 3. Money grows on shrubs and there's plenty 4. Money is hard earned and limited Question ID: 65497843770 Status: Answered Chosen Option: 4 Q.15 Select the most appropriate synonym of the given word. Redundant Ans 1. Superfluous X 2. Arrogant

X 3. Essential

X 4. Ignorant

Question ID: 65497843364 Status: Marked For Review

	Select the most appropriate synonym of the given word.	
	Urge	
Ans	✗ 1. Reply	
	✗ 2. Refuse	
	✗ 3. Protest	
	√ 4. Appeal	
		Question ID: 65497842757
		Status : <b>Answered</b> Chosen Option : 4
		Chosen Option . 4
Q.17	Select the option that expresses the given sentence in reported s	speech.
	The teacher said, "Asif, go and wash your hands."	
Ans	1. The teacher told Asif go and wash your hands.	
	✗ 2. The teacher told Asif go and wash his hands.	
	<ul><li>✓ 3. The teacher told Asir go and wash his hands.</li></ul>	
	•	<b>4</b> •
	4. The teacher told Asif to go and wash his hands.	
		Question ID : 65497843763
		Status : Answered
		Chosen Option: 4
Ans	★ 1. Sit on a low chair	
	<ul><li>2. Lie down and relax after a tiring day</li><li>3. Fly a plane at a low altitude</li><li>4. Try not to be noticed</li></ul>	
	✗ 3. Fly a plane at a low altitude	Question ID : <b>65497842559</b>
	✗ 3. Fly a plane at a low altitude	Question ID : <b>65497842559</b> Status : <b>Answered</b>
	✗ 3. Fly a plane at a low altitude	
Q.19	✗ 3. Fly a plane at a low altitude	Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.19	X 3. Fly a plane at a low altitude  4. Try not to be noticed  The following sentence has been split into four segments. Identicontains a grammatical error.  The policeman asked / many people but / no one was knowing / happened.	Status : Answered Chosen Option : 4  fy the segment that
	X 3. Fly a plane at a low altitude  4. Try not to be noticed  The following sentence has been split into four segments. Identicontains a grammatical error.  The policeman asked / many people but / no one was knowing / happened.	Status : Answered Chosen Option : 4  fy the segment that
	X 3. Fly a plane at a low altitude  4. Try not to be noticed  The following sentence has been split into four segments. Identicontains a grammatical error.  The policeman asked / many people but / no one was knowing / happened.	Status : Answered Chosen Option : 4  fy the segment that
	X 3. Fly a plane at a low altitude  4. Try not to be noticed  The following sentence has been split into four segments. Identication a grammatical error.  The policeman asked / many people but / no one was knowing / happened.  X 1. how the accident happened	Status : Answered Chosen Option : 4  fy the segment that
	<ul> <li>✗ 3. Fly a plane at a low altitude</li> <li>✓ 4. Try not to be noticed</li> </ul> The following sentence has been split into four segments. Identications a grammatical error. The policeman asked / many people but / no one was knowing / happened. ✗ 1. how the accident happened ✗ 2. The policeman asked	Status : Answered Chosen Option : 4  fy the segment that
	<ul> <li>✗ 3. Fly a plane at a low altitude</li> <li>✓ 4. Try not to be noticed</li> </ul> The following sentence has been split into four segments. Identicontains a grammatical error. The policeman asked / many people but / no one was knowing / in happened. ✗ 1. how the accident happened ✗ 2. The policeman asked ✗ 3. no one was knowing	Status : Answered Chosen Option : 4  fy the segment that  now the accident
	<ul> <li>✗ 3. Fly a plane at a low altitude</li> <li>✓ 4. Try not to be noticed</li> </ul> The following sentence has been split into four segments. Identicontains a grammatical error. The policeman asked / many people but / no one was knowing / in happened. ✗ 1. how the accident happened ✗ 2. The policeman asked ✗ 3. no one was knowing	Status : Answered Chosen Option : 4  fy the segment that  now the accident  Question ID : 65497843349
Q.19	<ul> <li>✗ 3. Fly a plane at a low altitude</li> <li>✓ 4. Try not to be noticed</li> </ul> The following sentence has been split into four segments. Identicontains a grammatical error. The policeman asked / many people but / no one was knowing / in happened. ✗ 1. how the accident happened ✗ 2. The policeman asked ✗ 3. no one was knowing	Status : Answered Chosen Option : 4  fy the segment that  now the accident

Q.20	Select the option that can be used as a one-word substitute for the given group of words.					
	In exactly the same words as the original					
Ans	√ 1. Verbatim					
	★ 2. Copy					
	X 3. Imitation					
	X 4. Duplicate					
		Question ID : 65497842259				
		Status : <b>Answered</b> Chosen Option : <b>4</b>				
		Silsson Spiori 1				
	Comprehension:					
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	esage carefully and				
New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) on selected roads. The scheme has now been in (2) for a year and has been hailed as a (3) success. Since the new speed limits were (4), the number of accidents in the area have fallen (5)						
	SubQuestion No : 21					
Q.21	Select the most appropriate option to fill in blank no.1.					
Ans	★ 1. shortened					
	★ 2. scaled					
	★ 3. lessened					
		Question ID : 65497842243				
		Status : Answered				
		Chosen Option : 4				
	Comprehension:					
	In the following passage, some words have been deleted. Read the pas	ssage carefully and				
	select the most appropriate option to fill in each blank.					
	New cycle routes have been built in and around the centre of Birminghave been (1) on selected roads. The scheme has now been in					
	and has been hailed as a (3) success. Since the new speed lim					
	the number of accidents in the area have fallen (5)					
0.22	SubQuestion No: 22					
Q.22 Select the most appropriate option to fill in blank no.2.  Ans 1. operation  2. activity  3. process						
					X 4. agency	
					T. agolloy	
		Question ID : 65497842244				
		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.		
	New cycle routes have been built in and around the centre of Birmingham and speed limits		
	have been (1) on selected roads. The scheme has now been in (2) for a year		
	and has been hailed as a (3) success. Since the new speed limits were (4), the number of accidents in the area have fallen (5)		
	SubQuestion No : 23		
Q.23	Select the most appropriate option to fill in blank no.3.		
Ans	1. greater		
	★ 2. more greater		
	✗ 3. greatest	<b>*</b> * * * * * * * * * * * * * * * * * *	
	·		
		Question ID : <b>65497842245</b>	
		Status : Answered	
		Chosen Option : 4	
	A		
	Comprehension:	and any fully and	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	sage calefully and	
	New cycle routes have been built in and around the centre of Birmingha		
	have been (1) on selected roads. The scheme has now been in and has been hailed as a (3) success. Since the new speed lim		
	the number of accidents in the area have fallen (5)	, more (4),	
	SubQuestion No : 24		
Q.24	Select the most appropriate option to fill in blank no.4.		
Ans	★ 1. compelled		
	★ 2. dictated		
	√ 3. enforced		
	★ 4. exacted		
		Question ID : 65497842246	
		Status : <b>Answered</b> Chosen Option : <b>3</b>	
		Chosen Option . 3	
	Comprehension:		
	In the following passage, some words have been deleted. Read the pas	ssage carefully and	
	select the most appropriate option to fill in each blank.		
	New cycle routes have been built in and around the centre of Birmingha		
	have been (1) on selected roads. The scheme has now been in and has been hailed as a (3) success. Since the new speed lim	(2) for a year its were (4)	
	the number of accidents in the area have fallen (5)	,	
	SubQuestion No : 25		
Q.25	Select the most appropriate option to fill in blank no.5.		
Ans	★ 1. desperately		
	★ 2. extremely		
	★ 4. terribly		
		Question ID : 65497842247	
		Status : Answered	

