## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

Section: General Intelligence and Reasoning

Q.1 In a certain code, 6218 means 'Laptop is a computer' and 8217 means 'Computer is a machine'. Which of the following is the code for 'Machine makes our life easy'?

Ans

**1.75344** 

X 2. 75894

X 3. 58795

X 4. 76834

Question ID: 65497842571

Not Attempted and Status : Not Attempted ...
Marked For Review

Chosen Option: --

Q.2 Six letters, D, d, E, e, F and f, are written on the different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the face having the letter 'D'.





Ans

X 1. E

√ 2. f

X 3. e

X 4. d

Question ID: 65497841979

Status: Not Answered

Chosen Option: --

Q.3 Nine employees, K, L, M, N, O, P, Q, R and S, are sitting in the office in a straight line, all facing the east. O is third to the right of M. K is third to the left of P. Q is between P and S. N is fourth to the right of M. P is to the immediate right of N. R is fourth to the left of O. Which of the following statements is NOT correct?

Ans X 1. R and S are sitting at the corners.

2. L is sitting third to the left of O.

X 3. Q is sitting fourth to the right of K.

4. O is sitting between K and N.

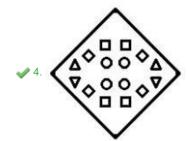
Question ID: 65497843584 Status: Not Answered

Q.4 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







Question ID : 65497844406 Status : Answered

	Four letter-clusters have been given, out of which three ar one is different. Select the one that is different.			
Ans	1. TWY			
	<b>✓</b> 2. GJM			
	X 3. LOQ			
	<b>★</b> 4. BEG			
		Question ID : 65497842567		
		Status : Answered		
		Chosen Option : 2		
Q.6	Select the option that is related to the third term in the sar related to the first term.	me way as the second term is		
	HARMONY: BMLGUDK:: RESOLVE:?			
Ans	✓ 1. VEOIVHU			
	X 2. OVEJUHV			
	X 3. EVOJHVU			
	X 4. VOEIUVH			
		Question ID : <b>65497844285</b>		
		Not Attornated and		
		Status : Not Attempted and Marked For Review		
		Status : Not Attempted and Marked For Review  Chosen Option :		
Q.7	In a certain code language, if ESTEEM is written as HVWH	Chosen Option :		
	In a certain code language, if ESTEEM is written as HVWH be written in the same code language?  1. GRFWRU	Chosen Option :		
	be written in the same code language?	Chosen Option :		
Q.7 Ans	be written in the same code language?  1. GRFWRU	Chosen Option :		
	be written in the same code language?  1. GRFWRU  2. GRGVST	Chosen Option :		
	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT	Chosen Option :  IHP, then how will DOCTOR		
	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628		
	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT	Chosen Option :  IHP, then how will DOCTOR		
	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered		
Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)  1. 8	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
Q.8	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)  1. 8  2. 10	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)  1. 8  2. 10  3. 6	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)  1. 8  2. 10	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628 Status : Answered Chosen Option : 1		
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Ans	be written in the same code language?  1. GRFWRU  2. GRGVST  3. FQEVQT  4. HSGXSV  If A denotes 'addition', B denotes 'multiplication', C denot denotes 'division', then what will be the value of the follow  66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)  1. 8  2. 10  3. 6	Chosen Option :  IHP, then how will DOCTOR  Question ID : 65497844628		

Q.9 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division', and '#' means 'subtraction', then find the value of the following expression.

23 @ 105 \$ 15 % 6 # 29

Ans X 1. 23

X 2. 28

**3**. 36

**X** 4. 40

Question ID: 65497841976

Status: Answered

Chosen Option: 3

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

$$g\_o\_d\,k\_m\_f\_o\_k\,k\_g\,fo\_d\_k\,m$$

Ans X 1. fokdodmok

2. f o k g o d m o k

3. fokgodfok

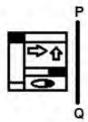
4. f o k g o d m o m

Question ID: 65497844631

Status: Not Answered

Chosen Option: --

Q.11 Select the correct mirror image of the given figure when the mirror is placed at 'PQ' as shown.



Ans







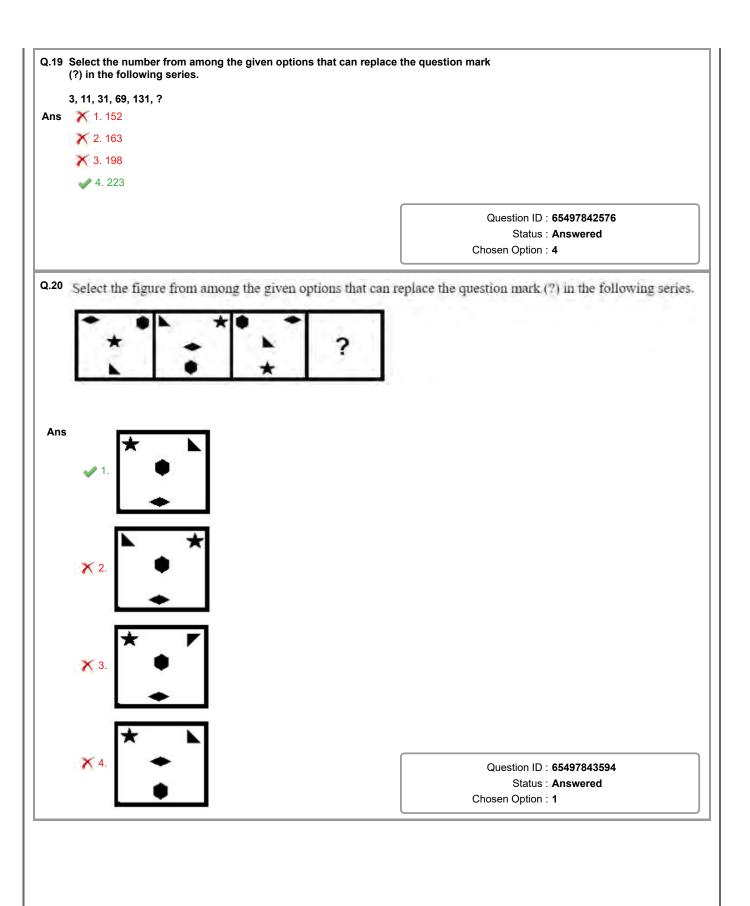


Question ID: 65497843597

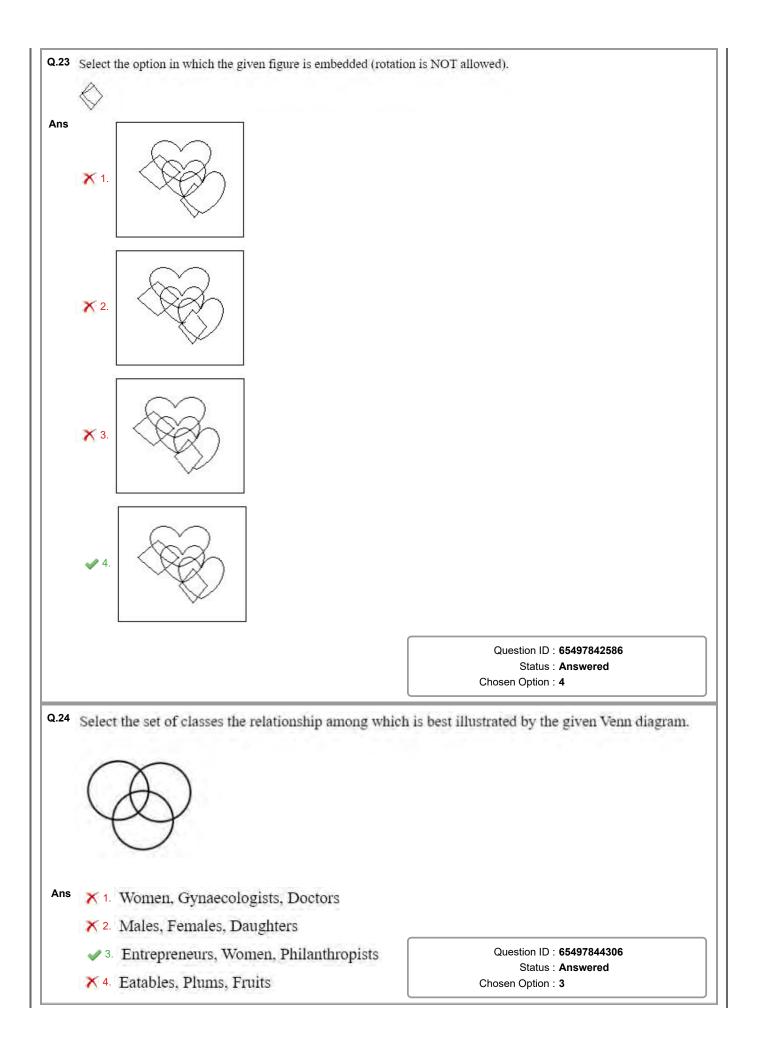
Status: Answered

	RSX, NQW, JOV, FMU, ?			
ns				
	X 3. CJS			
	<b>✓</b> 4. BKT			
	✓ 4. BKI			
		Question ID : 65497841959		
		Status : <b>Answered</b>		
		Chosen Option : 4		
).13	Select the correct option that indicates the arrangement and meaningful order.	gement of the given words in a logical		
	1.Core			
	2.Atmosphere 3.Universe			
	4.Surface			
เทร	<b>5.Galaxy 1</b> . 1, 4, 2, 5, 3			
	<b>X</b> 2. 4, 3, 5, 2, 1			
	<b>X</b> 3. 1, 4, 2, 3, 5			
	4. 1, 3, 4, 5, 2			
		Question ID : 65497844634		
		Status : Answered		
		Chosen Option: 1		
.14	Select the option that is related to the third number number is related to the first number and the sixt number.  21: 112:: 36: ?:: 51: 272			
ns				
	*			
	<b>X</b> 2 252			
	× 2. 252			
	<b>X</b> 3. 72			
	<b>X</b> 3. 72	Question ID : <b>65497844396</b>		
	<b>X</b> 3. 72	Question ID : <b>65497844396</b> Status : <b>Answered</b>		
	<b>X</b> 3. 72			
.15	<b>X</b> 3. 72	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		
	X 3. 72  X 4. 198  The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		
	The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		
	X 3. 72  X 4. 198  The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.  X 1. 12	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		
	The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.  1. 12  2. 10	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		
	The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.  1. 12 2. 10 3. 18	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The d that of the female teachers is ₹1,200. e number of female teachers in the		
.15	The average salary of the entire teaching staff in average salary of the male teachers is ₹2,500 and if the number of male teachers is 16, then find the college.  1. 12 2. 10 3. 18	Status : Answered Chosen Option : 1  a college is ₹2,000 per day. The that of the female teachers is ₹1,200.		

	Study the given matrix carefully and select the number that can replace the question mark (?) in it.	
	12 8 100	
	18 6 111 15 4 ?	
ns	<b>X</b> 1. 102	
	<b>X</b> 2. 108	
	<b>√</b> 3. 62	
	4.78	
		Question ID : 65497842580
		Status : Answered
		Chosen Option : 3
.17	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 bats are birds. Some rats are bats.	
	Conclusions: I. Some rats are birds. II. Some birds are bats. III. All rats are bats.	
ns	1. Only conclusion II follows.	
	2. Only conclusions I and II follow.	
	✗ 3. Only conclusions I and III follow.	
	X 4. Only conclusion I follows.	
		Ougation ID + 65407044060
		Question ID : 65497841969 Status : Answered
		Chosen Option: 2
.18	Sir latters A. D. C. D. E and E are visiting an differen	ut faces of a dies. Two maritims of the same dies are shown. Solver
. 10	the letter that will be on the face opposite to the face	nt faces of a dice. Two positions of the same dice are shown. Select having the letter 'C'.
	A A E D	
Ans	<b>X</b> 1. <b>F</b>	
	<b>※</b> 2. D	
	<b>×</b> 3. B	Question ID : 65497844401
		Status : Answered
	✓ 4. E	Chosen Option: 4

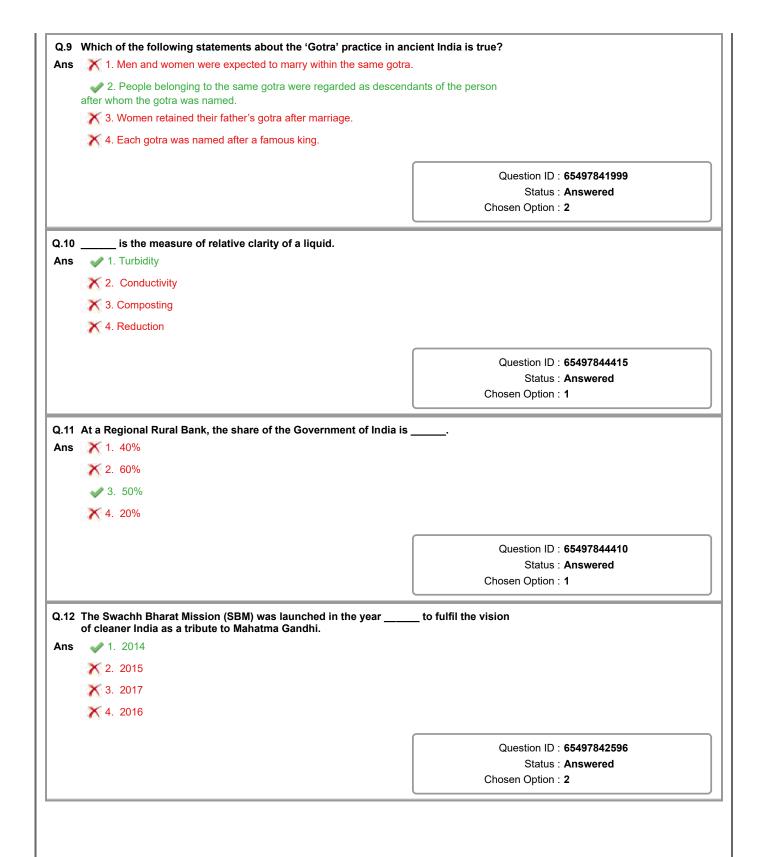


Q.21 In a certain code language 'ROUBST' is coded as 61. How will 'FORTUNATE' be coded in that language? Ans X 1. 124 **2**. 114 💢 3. 141 **X** 4. 142 Question ID: 65497844388 Status: Not Answered Chosen Option: --Q.22 Select the number from among the given options that can replace the question mark (?) in the following series. 58, 67, 83, 108, ? Ans X 1. 178 X 2. 157 **X** 3. 139 **4**. 144 Question ID: 65497841971 Status: Marked For Review Chosen Option : 2



Q.25 'A + B' means 'A is the daughter of B'. 'A \$ B' means 'A is the husband of B'. 'A @ B' means 'A is the brother of B'. 'A & B' means 'A is the mother of B'. 'A % B' means 'A is the son of B'. If 'W @ S % K \$ G & U & T @ R + C', then which of the following statements is correct? **Ans** 1. G is the maternal grandmother of R. X 2. G is the father of W. X 3. C is the father-in-law of K. X 4. C is the wife of U. Question ID: 65497843583 Status: Answered Chosen Option: 1 Section: General Awareness Q.1 The \_\_\_\_\_\_ festival of Sikkim is also known as Bhoomi Puja or Chandi Puja. Ans X 1. Barahimizong X 2. Losar 💢 3. Indra Jatra 4. Sakewa Question ID: 65497841985 Status: Answered Chosen Option: 1 Q.2 Which of the following is India's first Paperless Budget? Ans X 1. Union Budget 2018-19 X 2. Union Budget 2020-21 X 3. Union Budget 2019-20 4. Union Budget 2021-22 Question ID: 65497843604 Status: Answered Chosen Option: 2 Q.3 Which of the following is a peninsular river? Ans X 1. Brahmaputra 2. Narmada 💢 3. Ganga X 4. Indus Question ID: 65497843611 Status: Answered Chosen Option: 2

	The Poona Pact of 1932 was an agreement between Mahatma Gar	dhi and
Ans	1. BR Ambedkar	
	X 2. Lord Irwin	
	X 3. Aurobindo Ghose	
	X 4. Bal Gangadhar Tilak	
		Question ID : 65497844424
		Status : Answered
		Chosen Option : 1
Q.5	Karishma Yadav was awarded the Vikram Award 2019 for I Madhya Pradesh.	by the Government of
Ans	X 1. archery	
	✓ 2. hockey	
	X 3. shooting	
	X 4. swimming	
		Question ID: 65497842007
		Status : Not Answered
		Chosen Option :
Q.6	Who among the following is the author of the book 'Two Lives'?	
Ans	1. Sudha Murty	
	X 2. Arundhati Roy	
	X 3. Chetan Bhagat	
	✓ 4. Vikram Seth	
		Question ID : 65497844326
		Status : Answered
		Chosen Option : 3
Q.7	A bill becomes an Act of the Parliament after being passed by bo Parliament and assented to by the	th the houses of
Ans	1. Prime Minister	
	X 2. Vice President	
	✓ 3. President	
	X 4. Speaker of the Lok Sabha	
		Question ID : 65497844428
		Status : Answered
		Chosen Option : 3
Q.8	Which of the following is the physical quantity for the expression	arc/radius?
Ans	X 1. Surface tension	
	X 2. Velocity	
	X 3. Linear momentum	
	✓ 4. Plane angle	
	· · · · · · · · · · · · · · · · · · ·	
		Question ID : 65497844315
		Status : Answered
		Chosen Option : 4



	Article of the Constitution of India lays down the procechanges in the Constitution.	ss for introducing	
Ans	X 1. 342		
	<b>X</b> 2. 351		
	<b>X</b> 3. 374		
	<b>✓</b> 4. 368		
	•		
		Question ID : <b>654978426</b>	12
		Status : Answered	
		Chosen Option : 4	
2.14	Which of the following is NOT a water pollutant?		
Ans	X 1. Silt		
	✓ 2. Glacier		
	X 3. Arsenic		
	X 4. Chromium		
		Question ID : 654978443	17
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
		Choon option . 2	
	X 4. Jaipur		
		Question ID : 6549784260	)3
		Status : Not Answe	red
		Chosen Option :	
16	What is the power of 'second' in the SI unit of acceleration?		
Ans	<b>X</b> 1. +1		
	<b>∠</b> 2. −1		
	<b>※</b> 2. −1		
	<b>√</b> 3. −2		
	✓ 32 ✓ 4. 0		
	<b>√</b> 3. −2	Question ID : <b>654978436</b> 0	09
	<b>√</b> 3. −2	Status : <b>Answered</b>	09
	<b>√</b> 3. −2		09
0.17	<b>√</b> 3. −2 <b>★</b> 4. 0	Status : Answered Chosen Option : 3	09
	<ul><li>✓ 32</li><li>✗ 4. 0</li><li>'Ponung' and 'Tapu' are popular dance forms from the state of</li></ul>	Status : Answered Chosen Option : 3	09
	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> </ul>	Status : Answered Chosen Option : 3	09
	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> <li>✓ 2. Arunachal Pradesh</li> </ul>	Status : Answered Chosen Option : 3	)9
	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> <li>✓ 2. Arunachal Pradesh</li> <li>✗ 3. Goa</li> </ul>	Status : Answered Chosen Option : 3	09
	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> <li>✓ 2. Arunachal Pradesh</li> </ul>	Status : Answered Chosen Option : 3	)9
	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> <li>✓ 2. Arunachal Pradesh</li> <li>✗ 3. Goa</li> </ul>	Status : Answered Chosen Option : 3	
Q.17 Ans	<ul> <li>✓ 32</li> <li>✗ 4. 0</li> <li>'Ponung' and 'Tapu' are popular dance forms from the state of</li> <li>✗ 1. Chhattisgarh</li> <li>✓ 2. Arunachal Pradesh</li> <li>✗ 3. Goa</li> </ul>	Status : Answered Chosen Option : 3	

Q.18 Before being renamed, Mount Everest was simply known as		<u></u> ·	
Ans	<ul><li>✓ 1. Peak IX</li><li>✓ 2. Peak XV</li></ul>		
	X 3. Peak XII		
	X 4. Peak VI		
		Question ID : 65497841996 Status : Not Answered	
		Chosen Option :	
	Ferrum is the Latin name for		
lns	X 1. nickel		
	× 2. copper		
	√ 3. iron		
	X 4. zinc		
		Question ID : 65497841989	
		Question id . 03437041303	
		Status : Answered	
	According to the Economic Survey 2020-21, imports are expected in the second half of FY21.  1.8.2%	Status : <b>Answered</b> Chosen Option : <b>3</b>	
	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%	Status : <b>Answered</b> Chosen Option : <b>3</b>	
	in the second half of FY21.  1.8.2%  2.11.3%	Status : <b>Answered</b> Chosen Option : <b>3</b>	
	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%	Status : <b>Answered</b> Chosen Option : <b>3</b>	
	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered	
	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310	
Ans	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2	
Q.21	in the second half of FY21.  1.8.2%  2.11.3%  3.6.3%  4.5.4%  With reference to the Money Bills in the Parliament, which of the	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2	
λns Ω.21	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%  4. 5.4%  With reference to the Money Bills in the Parliament, which of the is INCORRECT?  1. The Lok Sabha can either accept or reject all or any of the results.	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2	
Q.21	in the second half of FY21.  1.8.2% 2.11.3% 3.6.3% 4.5.4%  With reference to the Money Bills in the Parliament, which of the is INCORRECT?  1. The Lok Sabha can either accept or reject all or any of the reRajya Sabha.	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2	
Q.21	in the second half of FY21.  1. 8.2%  2. 11.3%  3. 6.3%  4. 5.4%  With reference to the Money Bills in the Parliament, which of the is INCORRECT?  1. The Lok Sabha can either accept or reject all or any of the reRajya Sabha.  2. It can be introduced only in the Lok Sabha.	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2  e following statements ecommendations of the	
Ans	in the second half of FY21.  1. 8.2% 2. 11.3% 3. 6.3% 4. 5.4%  With reference to the Money Bills in the Parliament, which of the is INCORRECT?  1. The Lok Sabha can either accept or reject all or any of the re Rajya Sabha.  2. It can be introduced only in the Lok Sabha.  3. It can be rejected or amended by the Rajya Sabha.	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2  e following statements ecommendations of the	
Ans	in the second half of FY21.  1. 8.2% 2. 11.3% 3. 6.3% 4. 5.4%  With reference to the Money Bills in the Parliament, which of the is INCORRECT?  1. The Lok Sabha can either accept or reject all or any of the re Rajya Sabha.  2. It can be introduced only in the Lok Sabha.  3. It can be rejected or amended by the Rajya Sabha.	Status : Answered Chosen Option : 3  ed to decline by  Question ID : 65497844310 Status : Answered Chosen Option : 2  e following statements ecommendations of the	

Q.22	22 Who among the following is the author of the epic poem 'Kamayani'?		
Ans	<ul><li>1. Jaishankar Prasad</li><li>2. Gopala Sarana Sinha</li></ul>		
	X 3. Mahadevi Varma		
	X 4. Mahavir Prasad Dwivedi		
		Question ID : 65497843617 Status : Answered	
		Chosen Option : 3	
	Who among the following wrote the novel 'The Great Gatsby'?		
Ans	X 1. Chinua Achebe		
	X 2. Harper Lee		
	3. F Scott Fitzgerald		
	X 4. Alice Walker		
		Question ID : 65497844426	
		Status : Not Answered	
		Chosen Option :	
Ans	1. Haryanka  2. Mauryan  3. Shishunaga		
	X 4. Nanda		
		Question ID : 65497842604	
		Status : Answered	
		Chosen Option : 1	
Q.25	Los Angeles Clippers and Portland Trail Blazers are teams	s.	
Ans	X 1. Women's Tennis		
	✓ 2. Men's Basketball		
	X 3. Women's Hockey		
	X 4. Men's Volleyball		
	4. Well's Velleyball		
	4. World Volleysan	Question ID : 65407944224	
	4. World Volleyball	Question ID : 65497844331 Status : Answered	

Q.1 The value of  $\frac{46 + \frac{3}{4} of 32 - 6}{37 - \frac{3}{4} of (34 + 6)}$  is:

Ans

**✓** 1. 
$$\frac{64}{7}$$

$$\frac{\times}{7}$$
 2.  $\frac{54}{7}$ 

$$\times$$
 3.  $\frac{44}{7}$ 

$$\times$$
 4.  $\frac{34}{7}$ 

Question ID : 65497844334 Status : Answered

Chosen Option : 1

Q.2 The greatest number that divides 126, 224 and 608 leaving remainders 2, 7 and 19, respectively, is:

Ans 🗙 1. 27

**✓** 2. 31

X 3. 21

X 4. 37

Question ID: 65497844333

Status : Answered

Chosen Option: 2

Q.3 In the following figure, P and Q are centres of two circles. The circles are intersecting at points A and B. PA produced on both the sides meets the circles at C and D. If ∠CPB=100°, then find the value of x.



Ans X 1. 115

X 2. 120

**X** 3. 110

**4** 100

Question ID: 65497842024

Status : Answered

Q.4 A shopkeeper allows a 28% discount on the marked price of an article and still makes a profit of 30%. If he gains ₹39.90 on the sale of one article, then what is the marked price (to the nearest ₹) of the article?

Ans X 1. 200

√ 2. 240

X 3. 173

X 4. 133

Question ID : 65497842821

Status : Answered

Chosen Option: 1

If  $\left(x^2 + \frac{1}{x^2}\right) = 23$ , x > 0 What is the value of  $\left(x^3 + \frac{1}{x^2}\right) = ?$ 

Ans X 1. 140

√ 2. 110

X 3. -110

× 4. -140

Question ID: 65497844446

Status: Answered

Chosen Option: 2

Q.6 If  $A = 60^{\circ}$ , what is the value of:

$$\frac{[8\cos A + 7 \sec A - tan^2 A]}{10 \sin \frac{A}{2}} ?$$

Ans 🔀 1. 5

**√** 2. 3

X 3. 15

X 4. 10

Question ID: 65497843644

Status : **Answered** 

Chosen Option: 2

Q.7 Two poles of heights 10 m and 17 m are fixed to a level ground. The distance between the bottom of the poles is 24 m. What is the distance (in m) between their tops?

Ans \psi 1. 25

X 2. 24

X 3. 30

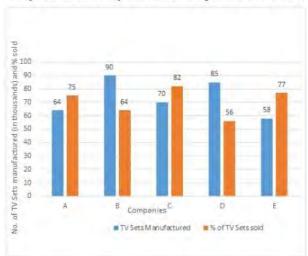
X 4. 27

Question ID: 65497844449

Status: Answered

The given bar chart represents the Televisions Sets (TV) manufactured (in thousands) and the respective percentage of those TV Sets sold by five different companies A, B, C, D and E in 2015.

Study the chart carefully and answer the question that follows.



What is the ratio of the number of TV sets sold by company A to that of company B in 2015?

- Ans X 1. 6:5
  - X 2. 4:5
  - X 3. 5:4
  - √ 4. 5:6

- Question ID: 65497843143
  - Status: Answered
- Chosen Option: 4
- Q.9 A circle is inscribed in  $\triangle ABC$ , touching AB, BC and AC at the points P, Q and R, respectively, If AB BC = 4 cm, AB -AC = 2 cm, and the perimeter of  $\triangle ABC = 32$  cm, then AC (in cm) = ?

- $\times$  4.  $\frac{26}{3}$

- Question ID: 65497842629
  - Status: Answered
- Chosen Option: 3
- **Q.10** If a+b-c=5 and ab-bc-ac=10, then find the value of  $a^2+b^2+c^2$ .

- Ans X 1. 40
  - **2**. 5
  - X 3. 45
  - X 4. 15

Question ID: 65497843637

Status: Answered

Q.11 The sum of three numbers is 98. If the ratio of the first to the second is 2:3 and that of the second to the third is 5:8, then the third number is:

Ans X 1. 30

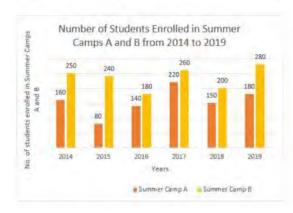
X 2. 20

X 3. 49

√ 4. 48

Question ID: 65497844440 Status: Answered Chosen Option: 4

Q.12 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.



What is the ratio of the students enrolled in Camp A in 2014, 2016 and 2017 to the students enrolled in Camp B in 2015, 2018 and 2019?

Ans X 1. 18:13

X 2. 22:15

√ 3. 13:18

X 4. 15:22

Question ID: 65497843042

Status : Answered

Chosen Option: 3

Q.13 What is the amount (in ₹) of a sum of ₹32,000 at 20% per annum for 9 months, compounded quarterly?

Ans 1. 37,044

× 2. 35,087

X 3. 32,000

X 4. 30,876

Question ID: 65497842623 Status: Answered

Q.14 Exactly midway between the foot of two towers P and Q, the angles of elevation of their tops are 45° and 60°, respectively. The ratio of the heights of P and Q is:

Ans

X 2. 3:1

X 3. 1:3

 $\times 4. \sqrt{3}: 1$ 

Question ID: 65497844352 Status: Answered

Chosen Option: 1

Q.15 Study the given histogram and answer the question that follows.



What is the difference between the total number of workers whose daily wages are less than ₹450 and the total number of workers whose daily wages are ₹650 and above?

X 2. 8

X 3. 10

**4.** 5

Question ID: 65497842639 Status: Answered

Chosen Option: 4

Q.16 A shopkeeper bought a table for ₹4,600 and a chair for ₹1.800. He sells the table with 10% gain and the chair with 6% gain. Find the overall gain percentage.

× 1. 7
$$\frac{3}{4}$$

$$\checkmark$$
 2.  $8\frac{7}{8}$ 

X 3. 8

X 4. 16

Question ID: 65497843631 Status: Answered

Q.17 Find the greatest number 234a5b, which is divisible by 22, but NOT divisible by 5.

Ans X 1. 234058

× 2. 234850

3. 234652

X 4. 234751

Question ID: 65497842009

Status: Answered

Chosen Option: 3

Q.18 The price of an item is reduced by 20%. As a result, customers can get 2 kg more of it for ₹360. Find the original price (in ₹) per kg of the item.

Ans \chi 1. 40

2. 45

X 3. 48

X 4. 36

Question ID: 65497842014

Status: Answered

Chosen Option: 2

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	Giris : Boys
A	3.4
B	2.8
	5.3
Ð	7.2
-6	1. 4

What is the ratio of the number of boys in school C to the number of girls in school E?

Ans X 1. 4:3

X 2. 1:2

√ 3. 3:4

X 4. 2:1

Question ID: 65497844354

Status: Answered

If  $\sec^2\theta + \tan^2\theta = 3\frac{1}{2}$ ,  $0^\circ < \theta < 90^\circ$ , then  $(\cos\theta + \sin\theta)$  is equal to

Ans 1. 
$$\frac{1+\sqrt{5}}{3}$$

**√** 2. 
$$\frac{2+\sqrt{5}}{3}$$

$$\times$$
 3.  $\frac{1+\sqrt{5}}{6}$ 

$$\times$$
 4.  $\frac{9+2\sqrt{5}}{6}$ 

Question ID: 65497844451

Status: Answered

Chosen Option: 2

Q.21 Shyam drives his car 30 km at a speed of 45 km/h and, for the next 1 h 20 m, he drives it at a speed of 51 km/h. Find his average speed (in km/h) for the entire journey.

Question ID: 65497843426

Status: Answered

Chosen Option: 1

Q.22 In a ∆ABC, the bisector of ∠ A meets BC at D. If AB = 9.6 cm, AC = 11.2 cm and BD = 4.8 cm, the perimeter (in cm) of AABC is:

Question ID: 65497843642

Status: Answered

Q.23 A hemispherical depression of diameter 4 cm is cut out from each face of a cubical block of sides 10 cm. Find the surface area of the remaining solid (in cm2).

$$\left(\operatorname{Use} \pi = \frac{22}{7}\right)$$

Ans

$$\times 1.900\frac{4}{7}$$

$$\times$$
 2. 112 $\frac{4}{7}$ 

$$\checkmark$$
 3. 675 $\frac{3}{7}$ 

$$\times$$
 4. 713 $\frac{1}{7}$ 

Question ID: 65497843434

Status: Answered

Chosen Option: 3

Q.24 A man, a woman and a boy can complete a work in 3, 4 and 12 days, respectively. How many boys must assist one man and one woman to complete the same work in one day?

Question ID: 65497843634

Status: Answered Chosen Option: 1

Q.25 A boat can cover a distance of 56 km downstream in 3.5 hours. The ratio of the boat in still water and the speed of stream is 3:1. How much time (in hours) will the boat take to cover a distance of 41.6 km downstream?

Question ID: 65497844443

Status: Answered

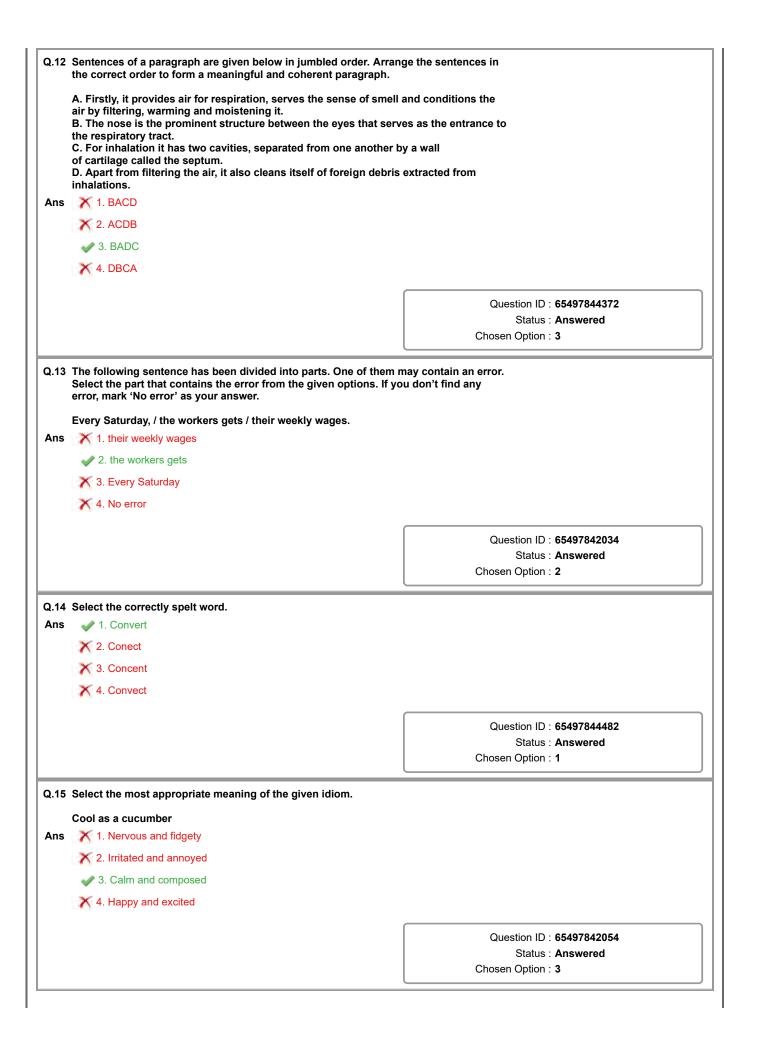
Chosen Option: 3

Section: English Comprehension

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. This TV channel has a larger viewership from another channel. Ans 1. from the other channel 2. than any other channel 3. No substitution required X 4. from any other channel Question ID: 65497842047 Status: Answered Chosen Option: 2 Q.2 Select the option that can be used as a one-word substitute for the given group of One who can read and write Ans X 1. Illiterate 2. Literate X 3. Eligible X 4. Illegible Question ID: 65497844480 Status: Answered Chosen Option: 2 Q.3 Select the most appropriate synonym of the given word. **FINAL** Ans X 1. Former X 2. Allowed X 3. Forbidden 4. Concluding Question ID: 65497844373 Status: Answered Chosen Option: 4 Q.4 Select the option that expresses the given sentence in passive voice. Who is creating this mess? 1. By whom is this mess being created? X 2. Who has created this mess? 3. By whom has this mess been created? X 4. By whom this mess being created? Question ID: 65497844463 Status: Answered Chosen Option: 1

Q.5	Select the option that expresses the given sentence in indirect speech.		
	Ajay says, "There is going to be a snowfall."		
Ans	1. Ajay says that there was going to be a snowfall.		
	2. Ajay says that there is going to be a snowfall.		
	✗ 3. Ajay said that there is going to be a snowfall.		
	★ 4. Ajay said that there was going to be a snowfall.		
			65497842652
		Chosen Option :	Answered 2
Q.6	Select the most appropriate ANTONYM of the given word.		
	Exonerate		
Ans	X 1. Exempt		
	X 2. Absolve		
	✓ 3. Engage		
	X 4. Acquit		
		i i	65497842659
		Chosen Option :	Answered 3
		Choson option .	
Q.7	Select the most appropriate option to fill in the blank.		
	You will find it difficult but later you will get used to wearin	g a mask.	
Ans	X 1. on first		
	✓ 2. at first		
	X 3. firstly		
	X 4. at the first		
		i i	65497843675
		Chosen Option :	Answered 2
		опасан ориан	
Q.8	Select the most appropriate ANTONYM of the given word.		
	Obscure		
Ans	X 1. Blurred		
	✓ 2. Apparent		
	X 3. Cloudy		
	X 4. Veiled		
		i '	65497842052
			Answered
		Chosen Option :	

Q.9 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. It has / been raining / since / two hours. √ 1. since Ans X 2. been raining X 3. It has X 4. two hours Question ID: 65497844460 Status: Answered Chosen Option: 1 Q.10 Select the most appropriate synonym of the given word. Squawk Ans X 1. Suggest X 2. Explore 3. Scream X 4. Connote Question ID: 65497844475 Status: Answered Chosen Option: 3 Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. <u>In spite of my niece's</u> dog Casper is very mischievous, he is lovable. Ans 1. Nevertheless my niece 2. No substitution required 3. Although my niece's X 4. However my nieces Question ID: 65497844371 Status: Answered Chosen Option: 3



## Q.16 Select the option that expresses the given sentence in passive voice. The judge found the prisoner guilty. Ans 1. The prisoner had been found guilty by the judge. 2. The prisoner was found guilty by the judge. X 3. The judge was found guilty by the prisoner. X 4. The prisoner has been found guilty by the judge Question ID: 65497844361 Status: Answered Chosen Option: 2 Q.17 Select the most appropriate meaning of the given idiom. A hair in the butter Ans X 1. Easy to handle X 2. A slippery road X 3. Sinking in debt 4. A challenging situation Question ID: 65497842661 Status: Answered Chosen Option: 3 Q.18 Select the option that can be used as a one-word substitute for the given group of Drawings or writing on a wall in a public place Ans X 1. Portrait X 2. Caricature 3. Graffiti X 4. Collage Question ID: 65497843673 Status: Answered Chosen Option: 3 Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The contrast between / Britain and other countries / of Europe / are striking. Ans X 1. The contrast between 2. are striking 3. Britain and other countries X 4. of Europe Question ID: 65497842643 Status: Answered Chosen Option: 2

Q.20	0 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.	
	Which movie <u>have you watched</u> on television when I called you'	,
Ans	Ans X 1. No substitution required	
	2. were you watching	
	X 3. did you watched	
	X 4. are you watching	
		Question ID : <b>65497844156</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Gridder Option . 2
	Comprehension:	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	sage carefully and
		ing day the true
	The camel and the fox were very good friends and very good thieves. C friends (1) to cross the river so that they could travel to a (2)	farm to steal
	food. The small fox (3) swim, so the camel said to his friend, 'C my back and I will swim across the (5)'	imb (4) onto
	SubQuestion No : 21	
Q.21	Select the most appropriate option to fill in blank number 1.	
Ans	X 1. deciding	
	× 2. will decide	
	√ 3. decided	
	X 4. are decide	
		Question ID: 65497843657 Status: Answered
		Chosen Option : 3
	Comprehension:	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	sage carefully and
	The camel and the fox were very good friends and very good thieves. C	ine day the two
	friends (1) to cross the river so that they could travel to a (2)	farm to steal
	food. The small fox (3) swim, so the camel said to his friend, $^{'}C$ my back and I will swim across the (5)	imb (4) onto
	SubQuestion No : 22	
Q.22	Select the most appropriate option to fill in blank number 2.	
Ans	✓ 1. nearby	
	X 2. near	
	X 3. nearest	
	× 4. nearly	
		Question ID : 65497843658
		Status : Answered
	Chosen Option: 1	

	Comprehension:			
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	ssage carefully and		
	The camel and the fox were very good friends and very good thieves. One day, the two friends (1) to cross the river so that they could travel to a (2) farm to steal food. The small fox (3) swim, so the camel said to his friend, 'Climb (4) onto my back and I will swim across the (5)'			
SubQuestion No : 23 Q.23 Select the most appropriate option to fill in blank number 3.  Ans 1. ought to				
	X 2. may not			
3. might  4. could not				
	•			
		Question ID : 65497843659		
		Status : Answered		
		Chosen Option : 4		
	Comprehension:			
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	ssage carefully and		
	The camel and the fox were very good friends and very good thieves. One day, the two friends (1) to cross the river so that they could travel to a (2) farm to steal food. The small fox (3) swim, so the camel said to his friend, 'Climb (4) onto my back and I will swim across the (5)'			
	SubQuestion No : 24			
Q.24	Select the most appropriate option to fill in blank number 4.			
Ans	X 1. over			
	X 2. across			
	<b>✓</b> 3. up			
	X 4. above			
		Question ID: 65497843660		
		Status : Answered		
		Chosen Option : 3		
	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 camel and the fox were very good friends and very good thieves. One day, the two friends (1) to cross the river so that they could travel to a (2) farm to steal food. The small fox (3) swim, so the camel said to his friend, 'Climb (4) onto my back and I will swim across the (5)			
	SubQuestion No : 25			
Q.25	Select the most appropriate option to fill in blank number 5.			
Ans	X 1. sea			
	X 2. ocean			
	X 3. lake			
	✓ 4. river			
		Question ID : 65497843661 Status : Answered		
		Chosen Option : 4		