

COMBINED GRADUTE LEVEL EXAMINATION TIER I – 2022

SSC CGL- Tier-I



EXAM POWER



Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/12/2022
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

0 1	Select the set in which the numbers are related in the same way as are the numbers of
Q.1	the following set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.) (2, 8, 36)
	(4, 9, 25)
Ans	★ 1. (14, 18, 9)
	√ 2. (13, 20, 49)
	★ 3. (21, 15, 35)
	★ 4. (12, 14, 26)
Q.2	Which of the following letter- <mark>cl</mark> ust <mark>ers will replace the q</mark> uestion ma <mark>rk (?) in the given series? MU, NE, PX, QF, SA, TG, ?</mark>
Ans	X 1. UC
	X 2. VE
	✓ 3. VD
	X 4. VC
Q.3 I	n a certain co <mark>de</mark> langua <mark>ge, 'PLANNED'</mark> is <mark>written as '</mark> RNCNPGF' and 'PROMOTE' is written as 'R <mark>TQMQ</mark> VG'. How wil <mark>l 'IMPROVE' be wri</mark> tten in that language?
Ans	X 1. KORTQXG
	✓ 2. KORRQXG
	X 3. KOQRQXG
	X 4. KORTOXG

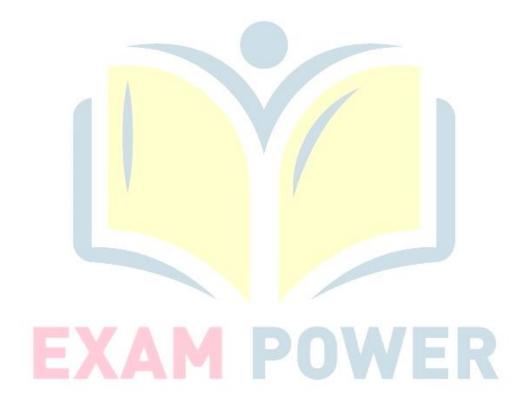


Q.4 In a certain code language, 'BELL' is coded as '111141' and 'HEAR' is coded as '172647'. How will 'MIKE' be coded in that language? **Ans** X 1.410813

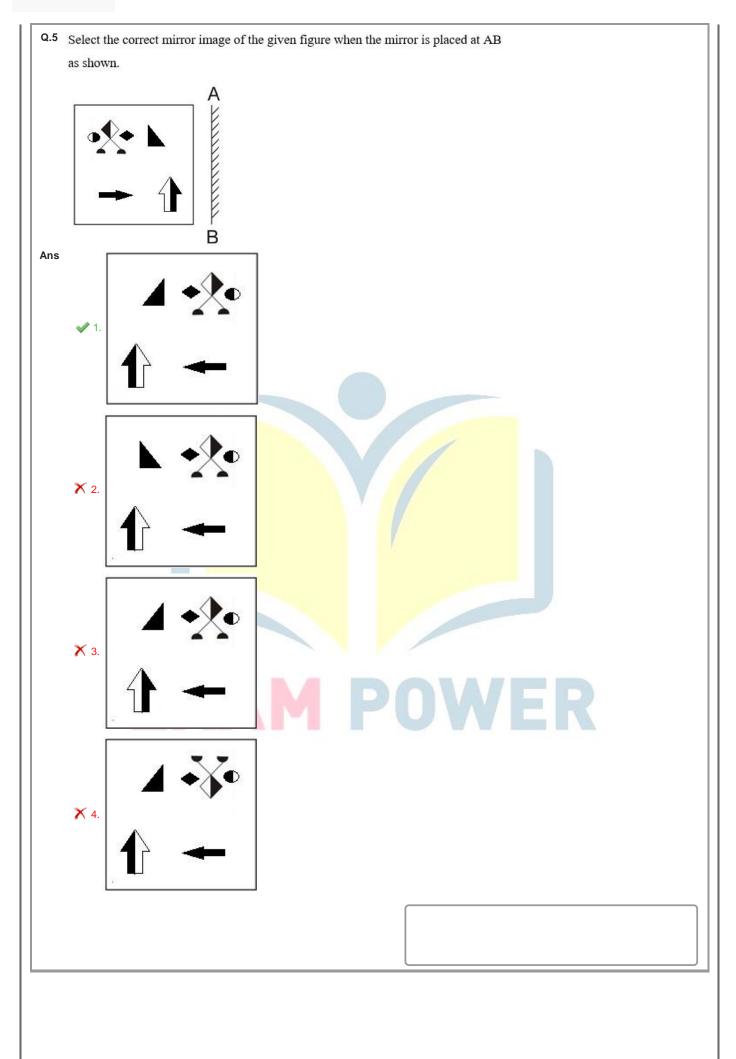
X 2. 410811

3. 410812

X 4.410612



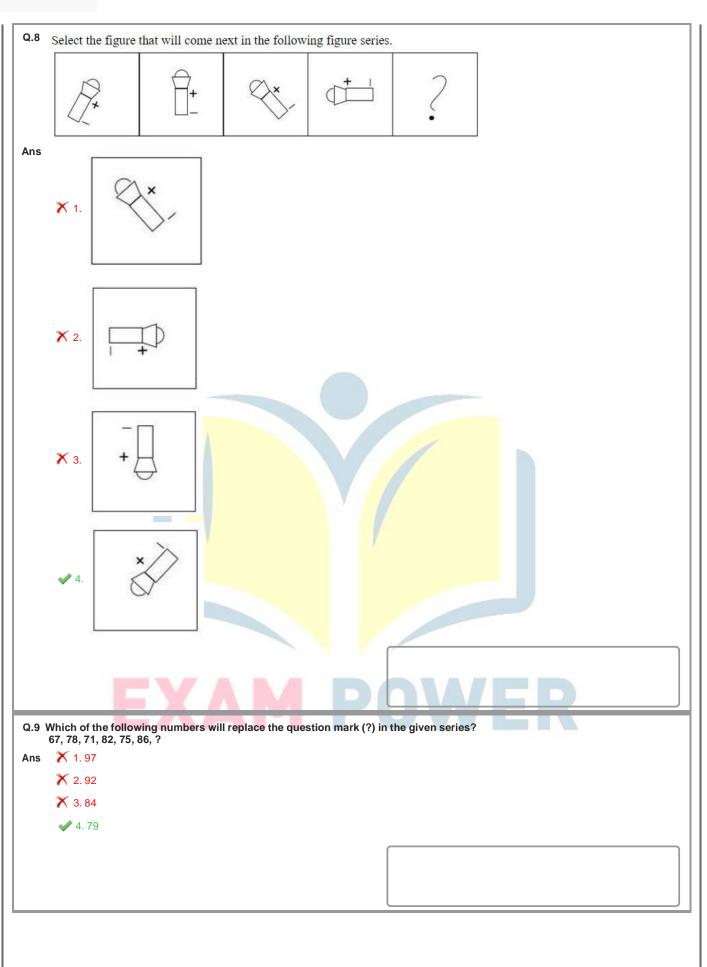






9.6 By interchanging the given two signs which of the following equation will be not correct? x and - Ans \$\psi_{1.15+6+1-9 \times 4-31}\$ \$\times_{3.11+6+3-8+2=6}\$ \$\times_{4.16-4 \times 3-8+2=6}\$ \$\times_{4.16-4 \times 3-8+2=6}		
Ans \$\sqrt{1.15+5+1-9\times4=70}\$ \$\times 2.5-6\times 3+16+4=31\$ \$\times 3.11+6\times 3-8\times 2=5\$ \$\times 4.16-4\times 3+6\times 1=63\$ Q.7 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans \$\sqrt{1. Minister: Governance}\$ \$\times 2. Thief: Jail\$ \$\times 3. King: Kingdom\$ \$\times 4. Teacher: Class\$	Q.6	correct?
X 3. 11+6 x 3 - 8 + 2 = 5 X 4. 15 - 4 x 3 + 6 + 1 = 63 Q.7 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans	Ans	\checkmark 1. 15 + 5 ÷ 1 - 9 × 4 = 70
Q.7 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans		\times 2. 5 - 6 \times 3 + 16 \div 4 = 31
Q.7 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans		\times 3.11 + 6 \times 3 - 8 \div 2 = 5
the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans 1. Minister: Governance 2. Thief: Jail 3. King: Kingdom 4. Teacher: Class		\times 4. 15 – 4 × 3 + 6 ÷ 1 = 63
the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Police: Protection Ans 1. Minister: Governance 2. Thief: Jail 3. King: Kingdom 4. Teacher: Class		
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X 2. Thief: Jail X 3. King: Kingdom X 4. Teacher: Class	Q.7	the given pair of words. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
X 3. King : Kingdom X 4. Teacher : Class	Ans	✓ 1. Minister: Governance
* 4. Teacher: Class		X 2. Thief : Jail
		X 3. King: Kingdom
EXAM POWER		X 4. Teacher: Class
EXAM POWER		
		EXAM POWER







letter-clust to the third	option that is related to the fifth letter-clu ler is related to the first letter-cluster and I letter-cluster. USIELER:: INTENSE: NETNIES:: EXCIT	I the fourth lette	e way as the second er-cluster is related
Ans X 1. CTE			
✓ 2. TIC	CXEDE		
※ 3. EXE	EDTCI		
★ 4. XED	DETCI		
Q.11 Select the	correct mirror image of the given combi	ination when th	e mirror is placed
7.50 V-SENI ACCESSADO (CO.	shown below.		F
	м		
	1		
MI	PQRBKZe4		
	l.		
	N		
Ans	1 - 5 1 0 0 0 1 1		
∧ 1. Z	<i>N</i> d QR B K Z e f	/I W/	
	EN 660 61		
X 2. 4	NP DRBKZe	1 / /	
	T I G G G A	. /	
✓ 3. ↓	N P Q R B K Z e ^z	L _S	
~		2	
↑ 4.	1 d Q R B X Z e 4	√I	
Q.12 After arran 'Third' pos	gi <mark>ng the given w</mark> ords <mark>according to dicti</mark> on	nary order, which	ch word will come at
1. Series 2. Serious	L/AAI-I		OVELL
3. Serein			
4. Serial 5. Serried			
Ans 🗳 1. Ser	ies		
X 2. Ser	ein		
🔀 3. Seri	al		
🔀 4. Seri	ous		



Q.13 Th	nree of the following letter-clusters are alike in some manner and hence form a oup. Which letter-cluster does not belong to that group?
_	▼ 1. SXHP
7	X 2. UZFR
7	X 3. XCCU
	✓ 4. VCDR
0.14 A	& B means 'A is the son of B'
A : A : A : A :	# B means 'A is the sister of B' @ B means 'A is the brother of B' % B means 'A is the father of B' - B means 'A is the daughter of B' * B means 'A is the wife of B' C # D @ E % Z & L # M - N * P, then how is E related to L?
	✓ 1. Husband
	X 2. Son
	X 3. Father
7	X 4. Son-in-law
Ans	A – B means that A is the brother of B, A + B means that A is the sister of B, A × B eans that A is the father of B then which of the following expression shows that P is e brother of R? 1. P – Q + R 2. P + Q – R 3. P × Q + R 4. P – Q × R
1000000	our different positions of the same dice are shown, the six faces of which are numbered 1 to 6. Select the number that
wi	ill be on the face opposite to the one showing '4'.
l ƙ	$\langle 6 \rangle \langle 5 \rangle \langle 4 \rangle \langle 5 \rangle$
ll	$\begin{bmatrix} 1 & 3 & 2 & 4 & 6 & 3 & 3 & 1 \end{bmatrix}$
	✓ 1.1 X 2.2
	X 3.3
	× 4.5
·	



Q.17	Select the correct combination of mathematical signs to replace the * signs and balance the given equation. $5*15*320*2*45 = 190$
Ans	X 1. +, ÷, x, −
	✓ 2. x, +, ÷, −
	X 3. +, x, ÷, −
	X 4. x, ÷, −, +
Q.18	Select the set in which the numbers are related in the same way as are the numbers of the following sets:
	(7,11, 72) (5, 8, 39)
	(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
Ans	✓ 1. (4, 7, 33)
	× 2. (2, 3, 1)
	★ 3. (5, 2, 23)
	★ 4. (5, 6, 13)
	V AV
Q.19	Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 30 * 4 * 2 * 1 * 121
Q.19	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 ✓ 1. x, +, -, =
	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 ✓ 1. x, +, -, = ✓ 2. x, -, ÷, =
	signs and to balance the given equation. $30 * 4 * 2 * 1 * 121$ $ \checkmark 1. \times, +, -, = $ $ \checkmark 2. \times, -, \div, = $ $ \checkmark 3. \times, -, +, = $
	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 ✓ 1. x, +, -, = ✓ 2. x, -, ÷, =
	signs and to balance the given equation. $30 * 4 * 2 * 1 * 121$ $ \checkmark 1. \times, +, -, = $ $ \checkmark 2. \times, -, \div, = $ $ \checkmark 3. \times, -, +, = $
	signs and to balance the given equation. $30 * 4 * 2 * 1 * 121$ $ \checkmark 1. \times, +, -, = $ $ \checkmark 2. \times, -, \div, = $ $ \checkmark 3. \times, -, +, = $
Ans	signs and to balance the given equation. $30 * 4 * 2 * 1 * 121$ $ \checkmark 1. \times, +, -, = $ $ \checkmark 2. \times, -, \div, = $ $ \checkmark 3. \times, -, +, = $
Ans	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = 1. 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139) 1. (267, 132, 135)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139) 1. (267, 132, 135) 2. (325, 112, 215)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139) 1. (267, 132, 135) 2. (325, 112, 215) 3. (365, 154, 211)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139) 1. (267, 132, 135) 2. (325, 112, 215) 3. (365, 154, 211)
Q.20	signs and to balance the given equation. 30 * 4 * 2 * 1 * 121 1. x, +, -, = 2. x, -, ÷, = 3. x, -, +, = 4. ÷, +, -, = Select the set in which the numbers are NOT related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (267, 128, 139) 1. (267, 132, 135) 2. (325, 112, 215) 3. (365, 154, 211)



Q.21	In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
Ans	✓ 1. 15 – 220
	X 2.9−84
	X 3.13−172
	X 4.11−124
0.22	A series is given with one term missing. Select the correct alternative from the given
Q.22	ones that will complete the series. QRM, PWD, OBU, NGL, ?
Ans	✓ 1. MLC
	X 2. MQR
	X 3. MRS
	X 4. MCL
Q.23	Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: Some tests are exams. Some exams are viva. All viva are theories. Conclusions: I. Some theories are exams. II. Some tests are viva. III. Some tests are viva.
Ans	 ★ 1. Only conclusions II and III follow ★ 2. Only conclusions I and III follow ★ 3. Only conclusions I and III follow
	★ 4. All conclusions follow



Q.24 Select the figure from among the given options that can replace the question mark
(?) in the following series.
Ans 1.
× 2.
× 3.
× 4.
Q.25 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements. Statements: I. All Z are X. II. All G are X. Conclusions: I. Some G are Z. III. All X are G. IIII. Some Z are X.
Ans X 1. Both conclusions I and III follows
 2. Only conclusion III follows 3. Neither conclusion follows
X 4. Both conclusions II and III follows
Continue Control Assessment
Section : General Awareness O.1. Chamical formula of weaking code is
Q.1 Chemical formula of washing soda is Ans 1. Na ² CO ³ .10H ² O
X 2. Na ² SO ⁴
X 3. NaOH
★ 4. NaHCO ³



Q.2	Which of the following is NOT a feature of National Income?
Ans	X 1. It is a macroeconomic concept.
	X 2. It is a flow concept.
	X 3. It is always expressed with reference to the financial year.
	✓ 4. It is included only in intermediate goods.
	According to census 2011, the child sex ratio wasfemales per 1000 males.
Ans	✓ 1.919 ✓ 2.222
	★ 2.909
	★ 3.929
	★ 4.939
0.4	
Q.4	Bharatanatyam and Kuchipudi dancer Yamini Krishnamurthy was awarded which of the following awards in 201 <mark>6?</mark>
Ans	X 1. Padma Bhushan
	X 2. Padma Shri
	X 3. Tagore Puraskar
	✓ 4. Padma Vibhushan
Q.5	According to the archaeologists, in Harappan cities the part to the west was smaller
Ans	and higher, was known as ✓ 1. citadel
Allo	X 2. Olympus
	X 3. lower town
	X 4. colosseum
	4. Colosseum
0.6	In November 2022, retired Army officer Raj Shukla has been appointed as a member of
4.0	the
Ans	X 1. Insurance Regulatory and Development Authority
	✓ 2. Union Public Service Commission
	X 3. Employees' Provident Fund Organisation
	X 4. Bureau of Indian Standards



	In June 2022, the Supreme Court directed that every protected forest, national park and wildlife sanctuary across the country should have a mandatory eco-sensitive zone (ESZ) of a minimumstarting from their demarcated boundaries.
Ans	✓ 1. 1 km
	★ 2.3 km
	X 3.2 km
	X 4.5 km
Q.8 \	What happens to the decomposition rate when detritus is rich in lignin and chitin?
Ans	X 1. It is negligible
	X 2. It is faster
	X 3. There is no movement
	✓ 4. It is slower
Ans	 X 1. Odissi X 2. Mohiniyattam ✓ 3. Kathak X 4. Kathakali
Q.10 Ans	Black Card given to a badminton player during the game indicates: 1. suspension 2. fault
	★ 3. warning ★ 4. disqualification
	Who has been appointed as NITI Aayog's new Vice Chairman in May 2022? 1. S Somnath
Ans	
	✓ 2. Suman Bery
	X 3. Tarun Kapoor
	X 4. Manoj Pande



Q.12	Who among the following is said to have devised many Raagas or melodies in Hindustani music?
Ans	✓ 1. Tansen
	X 2. Raja Beerbal
	X 3. Todar Mal
	X 4. Raja Man Singh
	Vernacular press Act was enacted in which year?
Ans	X 1. 1875
	★ 2. 1876
	✓ 3. 1878
	★ 4. 1877
0.14	Which of the following is NOT a conductor?
Q.14 Ans	Which of the following is NOT a conductor? ✓ 1. Hard rubber
Allo	× 2. Copper
	X 3. Silver
	× 4. Nickel
	4. NICKEI
Q.15	Article 19 of the Indian Constitution provides for how many types of freedoms?
Ans	X 1. 13
	X 2.44
	X 3.30
	✓ 4.6
Q.16	Who among the following belonged to the ancient chiefly family of the Cholas from
	Uraiyur, captured the Kaveri delta from the Muttaraiyar in the middle of the ninth century?
Ans	X 1. Gandaraditya
	🗸 2. Vijayalaya
	X 3. Parantaka I
	X 4. Aditya I



	Sarojini Naidu was elected first Indian woman President of the Indian National Congress at
Ans	✓ 1. Kanpur
	X 2. Ahmedabad
	X 3. Delhi
	X 4. Nagpur
	т. т. тауры
Q.18 '	Which branch of the government is responsible for implementing laws and policies?
Ans	X 1. Judiciary
	X 2. Legislature
	✓ 3. Executive
	★ 4. NITI Aayog
	In a food chain, secondary producers are
Ans	★ 1. omnivores
	2. herbivores
	★ 3. carnivores
	★ 4. decomposers
0.20	Which among the following crops is related to the "Rabi" season in North India?
Ans	1. Rice
	× 2. Jowar
	X 3. Maize
	✓ 4. Barley
	4. Dailey
O 21	Thousands of people from all walks of life took part in theorganised at
₩. ∠ I	Hyderabad in May 2022 to mark the 25-day countdown to International Day of Yoga.
Ans	X 1. Yoga Sutra
	★ 1. Yoga Sutra✓ 2. Yoga Utsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav
	★ 1. Yoga Sutra✓ 2. Yoga Utsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav
	X 1. Yoga Sutra✓ 2. Yoga UtsavX 3. Yoga Mahotsav



t phase of the green revolution, the use of HYV seeds was restricted to the unique. The which group of states? nipiab, Rajasthan and Madhya Pradesh nipiab, Tamil Nadu and Andhra Pradesh nipiab, Tamil Nadu and Andhra Pradesh nipiab, Tamil Nadu and Madhya Pradesh nipiab, Tamil Nadu and		
t phase of the green revolution, the use of HYV seeds was restricted to the uent of which group of states? njab. Rajasthan and Madhya Pradesh njab, Tamil Nadu and Andhra Pradesh njab, Tamil Nadu and Madhya Pradesh njab, Tamil Nadu and Nadhya Pra	A	<u></u>
t phase of the green revolution, the use of HYV seeds was restricted to the uent of which group of states? Injab, Rajesthan and Madhya Pradesh Injab, Haryana and Madhya Pradesh Injab, Tamil Nadu and Andhra Pradesh Injab, Tamil Nadu and Madhya Pradesh Injab, Tamil Nadu and Nadu	Ans	
t phase of the green revolution, the use of HYV seeds was restricted to the uent of which group of states? Injab, Rajasthan and Madhya Pradesh Injab, Tamil Nadu and Andhra Pradesh Injab, Tamil Nadu and Madhya Pradesh Injab, Tamil Nadu and Andhra Pradesh Injab, Tamil Na		✓ 2. Kerala
t phase of the green revolution, the use of HYV seeds was restricted to the uent of which group of states? Injab, Rajasthan and Madhya Pradesh Injab, Tamil Nadu and Andhra Pradesh Injab, Tamil Nadu and Madhya Pradesh Injab, Tamil Na		X 3. Maharashtra
unit of which group of states? unjab, Rajashan and Madhya Pradesh unjab, Haryana and Madhya Pradesh unjab, Tamil Nadu and Andhra Pradesh Nair is famous for performing which of the following dance forms? unitable land standing above the surrounding area is called If ateau puntain alley		X 4. West Bengal
unit of which group of states? unjab, Rajashan and Madhya Pradesh unjab, Haryana and Madhya Pradesh unjab, Tamil Nadu and Andhra Pradesh Nair is famous for performing which of the following dance forms? unitable land standing above the surrounding area is called If ateau puntain alley		
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Injab, Rajasthan and Madhya Pradesh Injab, Haryana and Madhya Pradesh Injab, Tamil Nadu and Andhra Pradesh Injab, Tamil Nadu and Madhya Pradesh Injab, Tamil Na	Q.23	In the first phase of the green revolution, the use of HYV seeds was restricted to the
njab, Haryana and Madhya Pradesh unjab, Tamil Nadu and Andhra Pradesh injab, Tamil Nadu and Madhya Pradesh Nair is famous for performing which of the following dance forms? Ithak dissi iskshagana Iohiniyattam Iohinyattam Iohinyattain Juntain Juliey Julyan Aptitude Pro 97 x 103 is	Ans	X 1. Punjab, Rajasthan and Madhya Pradesh
njab, Tamil Nadu and Andhra Pradesh njab, Tamil Nadu and Madhya Pradesh Nair is famous for performing which of the following dance forms? thak plissi likshagana tohiniyattam puntain tilley tative Aptitude or 97 x 103 is 199 191		
Nair is famous for performing which of the following dance forms? Athak dissi skshagana lohiniyattam Duntain Juliey Aptitude of 97 x 103 is 199 191		
Nair is famous for performing which of the following dance forms? Ithak Journal J		
tative Aptitude or of 97 x 103 is 199 191		4. Punjab, Tamii Nadu and Madnya Pradesh
tative Aptitude or of 97 x 103 is 199 191		
tative Aptitude or of 97 x 103 is 199 191		
tative Aptitude or of 97 x 103 is 199 191		
tative Aptitude or of 97 x 103 is 199 191	0.24	Supende Nair is famous for perferming which of the fallowing dense forms?
dissi akshagana lohiniyattam popped table land standing above the surrounding area is called	Ans	X 1. Kathak
Askshagana Iohiniyattam Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped table land standing above the surrounding area is called Depped		X 2. Odissi
popped table land standing above the surrounding area is called ateau puntain stative Aptitude of 97 x 103 is 99 91		
ppped table land standing above the surrounding area is called ateau puntain pliley tative Aptitude p of 97 x 103 is 199 191		
ateau puntain alley Lative Aptitude e of 97 x 103 is 99 991		✓ 4. Mohiniyattam
ateau puntain alley Lative Aptitude e of 97 x 103 is 99 991		
ateau puntain alley Lative Aptitude e of 97 x 103 is 99 991		
ateau puntain alley Lative Aptitude e of 97 x 103 is 99 991		
ateau puntain alley Lative Aptitude e of 97 x 103 is 99 991	0.25	The flat topped table land standing above the surrounding area is called
ateau puntain alley tative Aptitude e of 97 × 103 is 99 991	Ans	X 1. Hill
tative Aptitude e of 97 x 103 is 199 191		✓ 2. Plateau
tative Aptitude of 97 x 103 is 199 191		X 3. Mountain
tative Aptitude of 97 × 103 is 99 991		X 4. Valley
e of 97 × 103 is 199 1991 191		T. Valley
e of 97 × 103 is 199 1991 191		
e of 97 × 103 is 199 1991 191		
e of 97 × 103 is 199 1991 191		
e of 97 × 103 is 199 1991 191		
99 991 91	Section	n : Quantitative Aptitude
991 91		The value of 97 x 103 is
91	Ans	★ 1. 7999
		√ 2. 9991
81		X 3.8991
		★ 4. 9981
	_	



Q.2	The simple interest received on a sum is 25/36 of the sum. The number of years is equal to the annual rate of interest. What is the annual rate of interest?
Ans	
	X 2. 10.25 percent
	X 3. 6.62 percent
	√ 4. 8.33 percent
0.0	Two condidates Band O contested in an election 700/ of the registered veters as B
Q.3	Two candidates P and Q contested in an election. 70% of the registered voters are P supporters. If 60% of the P supporters and 30% of the Q supporters are expected to vote for candidate P, then what percentage of the registered voters are expected to vote for candidate P?
Ans	★ 1.30%
	✓ 2. 51%
	★ 3. 26%
	★ 4.47%
Ans	rectangle?
Q.5	If 1 1 d d d - 1 - 6 - 12 + 9 + -6 + -3 + 1 :-
	If $x + \frac{1}{x} = 1$, then the value of $x^{12} + x^9 + x^6 + x^3 + 1$ is:
Ans	
	★ 21
	★ 3. 0
	★ 42

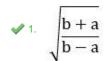


Q.6	The mid points of AB and AC of a ∆ABC are X and Y, respectively. If BC + XY = 24 units,
	then the value of BC - XY is:
Ans	X 1.5 cm
	★ 2.4 cm
	X 3.6 cm
	✓ 4.8 cm
Q.7	Sonali applied for a job of Science teacher in a school. In the test for job, she scored 8 in Physics, 8 in Chemistry, 6 in Biology, and 6.5 in the interview. For calculating the final score, weightage of 2, 3, 3, and 4 were assigned to Physics, Chemistry, Biology and interview, respectively. What is the weighted average score of Sonali?
Ans	✓ 1. 7
	★ 2. 8.4
	✗ 3. 7.2
	X 4. 21
Q.8	The given pie-chart represents the survey report on the favourite games of a group of young people.
	17% 5% 30% Football Cricket Hockey Volleyball Others
	If a total of 4980 persons were surveyed, how many of them said football is their favourite game?
Ans	X 1.1324
	X 2.1200
	X 3.1430
	✓4.1494 EXAM POWER
Q.9	Find the greatest number that will divide 49, 147 and 322 to leave the same remainder in each case.
Ans	X 1.9
	X 2.5
	✓ 3.7
	★ 4.8



Q.10 If b sin θ = a, then sec θ + tan θ = ?

Ans



$$\times$$
 2. $\sqrt{\frac{1}{b+a}}$

$$\times$$
 3. $\sqrt{\frac{1}{b-a}}$

$$\times$$
 4. $\sqrt{\frac{b-a}{b+a}}$

Q.11 The mean proportional of a and b is c. What is the mean proportional of a^2 c and b^2 c?

Ans ×

- X 1. C
 - 2. 3c
 - 3. c³
 - 4. c²

Q.12 Find the area of the sector of a circle with radius 4cm and angle 30°.

Ans

- × 1. 7.186cm²
- × 2. 6.186cm²
 - ^{3.} 4.186cm²
 - 4. 5.186cm²





 $\frac{\cos 20^{\circ}}{\sin 70^{\circ}} + \frac{\cos \theta}{\sin (90^{\circ} - \theta)} = \underline{\hspace{1cm}}$

Ans

- 1. -2
- 2. $\frac{1}{2}$
- 3. $-\frac{1}{2}$
- **√** 4. 2

_			

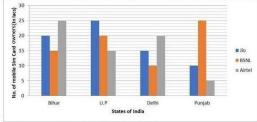
Q.14 A boat racer can row $21\frac{3}{2}$ km/h in still water. If the speed of river is 12.5km/hr, it takes him 40 minutes to row to a place and back, how far off is the place (consider up to two decimals)?

Ans

- ✓ 1. $5\frac{5}{27}$ km
 - 2. $5\frac{2}{5}$ km
 - 3. $4\frac{5}{27}$ km



Q.15 The number of mobiles sim-card owners in 4 states/UT are given in the bar diagram. Study the diagram and answer the question.



The average of sim-card sold in the four States/UT in lakhs is:

Ans X 1. 51.5

2. 51.25

X 3.50

X 4. 55.25



Q.16 A solid hemisphere has radius 21 cm. It is melted to form a cylinder such that the ratio of its curved surface area to total surface area is 2 : 5. What is the radius (in cm) of its base (take $\pi = \frac{22}{7}$)?

- Ans X 1. 23
 - **2**. 21
 - **X** 3. 17
 - **X** 4. 19
- Q.17 A, B and C can do a piece of work in 11 days, 20 days and 55 days respectively. If B works daily and is supported by A and C on alternate days beginning with A, then in how many days will the work be finished?

Ans

1.10



- 3. 12
- 4. 8
- **Q.18** A number n when divided by 6, leaves a remainder 3. What will be the remainder when $(n^2 + 5n + 8)$ is divided by 6?

- Ans X 1. 1
 - **X** 2.3
 - **X** 3.5
- Q.19 What will be the value of sin 10° 4/3 sin³ 10°?

Ans

- **2**. 1/6
- \times 3. $\frac{1}{2\sqrt{3}}$
- \times 4. $\frac{\sqrt{3}}{6}$



Ans	Successive discounts of 18% and 22%	are equal to a single discount of	
	1 . 36.04%	· · · · · · · · · · · · · · · · · · ·	
	X 2.35.04%		
	X 3. 37.04%		
	X 4. 34.04%		
Q.21	AD is the median of triangle ABC. P is	the centroid of triangle ABC. If AP = 14 cm, then	
	what is the length of PD?		
Ans	X 1. 14 cm		
	X 2. 28 cm		
	X 3. 21 cm		
	✓ 4. 7 cm		
Q.22	selling it for Rs.6,050?	Rs.4,675. What will be his gain percentage by	
Ans	X 1. 10.5%		
	X 2. 9.5%		
	✗ 3.9%		
	✓ 4. 10%		
	The state of the s		
Q.23			
Q.23	In a College, the number of stud	ents with different majors are as follows.	
	Subject	number of students	
	Mathematics	45	
	UNIVERSAL CONTRACTOR		
	Physics		
	Physics History		
		60	
	History Hindi	60 30	
	History Hindi Sanskrit	60 30 65 45	
Δne	History Hindi Sanskrit Find the average number of stud	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud X 1.55	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud 1.55 2.49	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud X 1. 55 2. 49 X 3. 42	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud 1.55 2.49	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud X 1. 55 2. 49 X 3. 42	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud X 1. 55 2. 49 X 3. 42	60 30 65 45	
Ans	History Hindi Sanskrit Find the average number of stud X 1. 55 2. 49 X 3. 42	60 30 65 45	



Q.24					
	A wire is in the for radius of the circle	m of square with side 1 e?	cm. It is bent to for	m a circle. What is the	
Ans	X 1. 11 cm				
	X 2.5 cm				
	X 3.9 cm				
	√ 4. 7 cm				
Q.25	The table given be	low shows the product	on of beauty produc	ts by five different	
	companies. What beauty product by	is the ratio of productio , E?	of beauty product l	by A to the production of	
	Companies	Production			
	A	30			
	В	50			
	C	32			
	D	15			
	E	25			
		23			
Ans	X 1.7:4				
	X 2.4:5	i i			
	√ 3. 6 : 5				
	X 4.5:6				
			V		
		V		/	
Section	n : English Compre	hension			
		propriate option that ca			
		there is no need to sub		substitution'.	
		<u>e hotel</u> , by the time you	all me.		
Ans	X 1. will be reacl				
	X 2. No substitut	ion			
	. C. Ho oubolitui	don .			
	✓ 3. will have re				FR
		ached the hotel	MF		ER
	3. will have re	ached the hotel	MF	POW	ER
	3. will have re	ached the hotel	MF	OW	ER
	3. will have re	ached the hotel	MF	POW	ER
	3. will have re	ached the hotel	MF	POW	ER
029	3. will have re4. had reached	ached the hotel	e underlined word in		ER
	3. will have re4. had reached Select the most ap	ached the hotel d the hotel propriate synonym of the			ER
	3. will have re4. had reachedSelect the most apThe promises made	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	3. will have re 4. had reached Select the most ap The promises mad 1. Contempora	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	 ✓ 3. will have re ✓ 4. had reached ✓ 4. had reached ✓ 5. Aged ✓ 2. Aged 	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	Select the most ap The promises mac 1. Contempora 2. Aged 3. Recent	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	 ✓ 3. will have re ✓ 4. had reached ✓ 4. had reached ✓ 5. Aged ✓ 2. Aged 	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	Select the most ap The promises mac 1. Contempora 2. Aged 3. Recent	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	Select the most ap The promises mac 1. Contempora 2. Aged 3. Recent	ached the hotel d the hotel propriate synonym of the by the old minister we			ER
	Select the most ap The promises mac 1. Contempora 2. Aged 3. Recent	ached the hotel d the hotel propriate synonym of the by the old minister we			ER



Ans × × × × × × × × × × × × × × × × × × ×	consolidated his position as the leader of the political party. 1. Weakened 2. Devised 3. Strengthened 4. Formulated tences of a paragraph are given below in jumbled order. Arrange the secorrect order to form a meaningful and coherent paragraph.	
Ans × × × × × × × × × × × × × × × × × × ×	1. Weakened 2. Devised 3. Strengthened 4. Formulated tences of a paragraph are given below in jumbled order. Arrange the s	
Q.4 Sente the	✓ 3. Strengthened✓ 4. Formulatedtences of a paragraph are given below in jumbled order. Arrange the statement of th	
Q.4 Sente the	4. Formulated tences of a paragraph are given below in jumbled order. Arrange the s	
Q.4 Sente the	4. Formulated tences of a paragraph are given below in jumbled order. Arrange the s	
Q.4 Sente the	tences of a paragraph are given below in jumbled order. Arrange the s	
the A.It	tences of a paragraph are given below in jumbled order. Arrange the secorrect order to form a meaningful and coherent paragraph.	
the A.It	tences of a paragraph are given below in jumbled order. Arrange the secorrect order to form a meaningful and coherent paragraph.	
the A.It	tences of a paragraph are given below in jumbled order. Arrange the secorrect order to form a meaningful and coherent paragraph.	
the A.It	tences of a paragraph are given below in jumbled order. Arrange the secorrect order to form a meaningful and coherent paragraph.	
		sentences in
C.T	t is a very popular character and is the mascot for Walt Disney comp Mickey generally appears with his girlfriend Minnie Mouse and pet PI The animated movies on Mickey mouse have been nominated for the	Pluto.
	ard. Mickey mouse is a fictional cartoon character created by Walt Disney	, in 1928.
	✓ 1. DABC	
×	₹ 2. ADBC	
×	3. ACDB	
×	4. BACD	
Sele erro	e following sentence has been divided into parts. One of them may collect the part that contains the error from the given options. If you do or, mark 'No error' as your answer. e prisoner was / accused for stealing / from his landlord.	
Ans 🦦	1. accused for stealing	
×	2. The prisoner was	
×	3. from his landlord	
×	4. No error	
	EXAM PO)WER
Q.6 Sele	ect the most appropriate meaning of the underlined idiom in the give	en sentence.
	e lecture by the French professor seemed <u>Latin and Greek</u> to the you	
	1. Interesting	
	2. Lucid	
	3. Unbiased	
•	4. Incomprehensible	



ns	We ensure that you will get a	chauffeur with the right car for your day.
	1. novice	ondanion with the right our for your day.
	✓ 2. uniformed	
	X 3. dabbler	
	X 4. riotous	
	• \ 4. Hotous	
Q.8 S	Select the INCORRECTLY spelt word.	
Ans	X 1. Compact	
	2. Compell	
	X 3. Currently	
	X 4. Savage	
Q.9 S	Select the most appropriate synonym sentence.	of the word 'consensus' from the following
	of its clause.	ally came to an agreement for decisive acceptance
Ans	X 1. Decisive	
	X 2. Acceptance	
		The state of the s
	X 3. Mutually	
	✗ 3. Mutually✓ 4. Agreement	
Q.10	✓ 4. AgreementA sentence has been given with a black	ank to be filled with an appropriate word. Choose
Q.10	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms	
	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store.	
	A sentence has been given with a blatthe correct alternative. She rubbed her hands over her arms convenience store. 1. snapping	
	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store. 1. snapping 2. slaying	
	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store. X 1. snapping X 2. slaying X 3. pinching	
	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store. 1. snapping 2. slaying	
Q.10 Ans	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store. X 1. snapping X 2. slaying X 3. pinching	
	A sentence has been given with a blathe correct alternative. She rubbed her hands over her arms convenience store. X 1. snapping X 2. slaying X 3. pinching	



Q.11	Select the most appropriate idiom that can substitute the italicised words in the given sentence.
	Some people still feel that they have very little freedom to be innovative in their work.
Ans	✓ 1. elbow room
	X 2. an old lady
	X 3. an old head on young shoulders
	X 4. to make a pile
Q.12	Select the most appropriate option to replace the underlined segment in the given
	sentence. Old people <u>acquire experience</u> through age.
Ans	X 1. got experience
	X 2. developed experience
	X 3. experienced
	✓ 4. gain experience
Q.13	Select the correct active form of the given sentence.
Ans	AIDS will have been cured by the year 2070 by scientists. 1. Scientists will have cured AIDS by the year 2070.
Alis	 ★ 2. Scientists will have cured AIDS by the year 2070. ★ 2. Scientists cured AIDS by the year 2070.
	X 3. Scientists will cure AIDS by the year 2070.
	★ 4. Scientists must have cured AIDS by the year 2070.
Q.14	Select the option that expresses the given sentence in active voice.
	Honest and polite people are admired by everyone.
Ans	Honest and polite people are admired by everyone. 1. Everyone has been admiring honest and polite people.
	X 2. Everyone admired honest and polite people.
	X 3. Everyone will admire honest and polite people.
	✓ 4. Everyone admires honest and polite people.
	• II _ I = I = I = I = I = I = I = I = I
Q.15	Choose the incorrectly spelt word.
Ans	√ 1. Assidous
	X 2. Disapproval
	X 3. Devastation
	X 4. Conjoined



	He did not admit that his team played badly.
Ans	✓ 1. never admitted
	X 2. yesterday admitted
	X 3. happily admitted
	X 4. willingly admitted
Q.17	Select the correct direct form of the given sentence. Raveena asked me if I had her maid's number.
Ans	✓ 1. Raveena asked me, "Do you have my maid's number?"
	X 2. Raveena asked me, "Are you having my maid's number."
	X 3. Raveena said to me, "Does you have my maid's number."
	X 4. Raveena asked to me, "Have you have my maid's number."
	4. Naveella asked to file, Trave you have my maid 3 number.
Ans	X 1. QRSP ✓ 2. PRSQ X 3. RPSQ X 4. QPRS
	FXAM DOWED
	Select the most appropriate ANTONYM of the word established from the given sentence: Siben feels great satisfaction and gratified when he finds his pupils established successfully in the society when a lot have been displaced because of several failed attempts. 1. displaced 2. fail 3. gratified 4. pupils



Q.20	Select the option that expresses the given sentence in indirect speech. He said to him, "Is your name not Ahmed?"
Ans	★ 1. He enquired is your name not Ahmed.
	✓ 2. He enquired whether his name was not Ahmed.
	X 3. He said whether his name was not Ahmed.
	X 4. He said is your name not Ahmed.
	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. I will tell you what I will do and what I will not do. I will not (1) that in which I no longer believe, (2) it calls itself my home, my fatherland, or my church: and I will try to (3) myself in some mode of life or art as (4) as I can and as wholly as I can, using for my defense the only arms I (5) myself to use: silence, exile and cunning.
	SubQuestion No : 21
	Select the most appropriate option to fill in blank number 1.
Ans	✓ 1. serve
	X 2. drain
	★ 3. lag
	X 4. debit
	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. I will tell you what I will do and what I will not do. I will not (1) that in which I no longer believe, (2) it calls itself my home, my fatherland, or my church: and I will try to (3) myself in some mode of life or art as (4) as I can and as wholly as I can, using for my defense the only arms I (5) myself to use: silence, exile and cunning.
	SubQuestion No : 22
Q.22 Ans	Select the most appropriate option to fill in blank number 2 1. sometimes
	X 2. nevertheless
	√ 3. whether
	X 4. presumably



	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. I will tell you what I will do and what I will not do. I will not (1)that in which I
	no longer believe, (2) it calls itself my home, my fatherland, or my church: and
	I will try to (3) myself in some mode of life or art as (4) as I can and as wholly as I can, using for my defense the only arms I (5) myself
	to use: silence, exile and cunning.
	SubQuestion No : 23
Q.23	Select the most appropriate option to fill in blank number 3.
Ans	√ 1. express
	X 2. disappear
	X 3. collect
	X 4. sterilise
	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.
	I will tell you what I will do and what I will not do. I will not (1)
	no longer believe, (2)it calls itself my home, my fatherland, or my church: and I will try to (3)as
	I can and as wholly as I can, using for my defense the only arms I (5)myself
	to use: silence, exile and cunning.
	SubQuestion No : 24
1	Select the most appropriate option to fill in blank number 4.
Ans	X 1. morbidly
	X 2. bleakly
	X 3. pithily
	✓ 4. freely
	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. I will tell you what I will do and what I will not do. I will not (1)that in which I
	no longer believe, (2)it calls itself my home, my fatherland, or my church: and
	I will try to (3)myself in some mode of life or art as (4)as I can and as wholly as I can, using for my defense the only arms I (5)myself
	to use: silence, exile and cunning.
	SubQuestion No : 25
Q.25	Select the most appropriate option to fill in blank number 5.
Ans	X 1. behave
	✓ 2. allow
	X 3. caution
	X 4. effeminate
	f) 4. Gilgililiate