Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	10/09/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the

Statements: Some boxes are cartons. All cartons are papers. Some cartons are

utensils.

Conclusion (I): No box is a utensil.

Conclusion (II): Some papers are utensils.

Ans

✓ 1. Only conclusion (II) follows

X 2. Only conclusion (I) follows

X 3. Both conclusions (I) and (II) follow

X 4. Neither conclusion (I) nor (II) follows

Question ID: 630680392631 Option 1 ID: 6306801530871 Option 2 ID: 6306801530870 Option 3 ID: 6306801530873 Option 4 ID: 6306801530872

Status : Answered Chosen Option: 1

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

uP23AB

X 1 8 A 2 3 9 n

MP23 V B LX

uP23AB.EV

uPS3ABAX

Question ID: 630680356654 Option 1 ID: 6306801388620

Option 2 ID: 6306801388618 Option 3 ID: 6306801388619 Option 4 ID: 6306801388617

Status : **Answered**

	K			X			W			Т			
		L	8		2	L		L	2		8	L	?
	X	W	2	K	8	W	Т	Χ	8	W	2	Х	
S		2											
	X 1	1.	L	. 8	3								
		9	X		Γ								
		8											
	X 2	2.	L	1									
		X	W	1 2	2								
		X			Ī								
	X 3	3.	L	8	3								
		Т	W	1 2	2								
		X			3								
	*	4.	L	. 8	3								
		9	Т		2								

Question ID : 630680214424
Option 1 ID : 630680831730
Option 2 ID : 630680831728
Option 3 ID : 630680831727
Option 4 ID : 630680831729
Status : Answered
Chosen Option : 3

Q.4 In a certain code language, 'BELL' is written as 'MKFA' and 'BOND' is written as 'EMPA'. How will 'BLEW' be written in that language?

Ans 🚀 1. XDMA

× 2. XMDA

X 3. XMAD

X 4. XDAM

Question ID : **630680416247** Option 1 ID : **6306801623754**

Option 2 ID: **6306801623752** Option 3 ID: **6306801623751** Option 4 ID: **6306801623753**

Status: Answered

Q.5 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different. The odd one out is not based on the number of consonants/vowels or their position in the letter cluster X 1. AFK X 2. LQV √ 3. PTX X 4. DIN Question ID: 63068062113 Option 1 ID: 630680239770 Option 2 ID: 630680239773 Option 3 ID: 630680239771 Option 4 ID: 630680239772 Status: Answered Chosen Option: 3 Q.6 10 is related to 15 following certain logic. Following the same logic, 42 is related to 63. To which of the following numbers is 22 related, following the same logic? (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 /deleting /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.) X 1. 31 Ans **2**. 33 X 3. 28 X 4. 30 Question ID: 630680162512 Option 1 ID: 630680629346 Option 2 ID: 630680629347 Option 3 ID: 630680629344 Option 4 ID: 630680629345 Status: Marked For Review Chosen Option: 1 Q.7 'खिलना' (Blossom),'मुरझाना' (Wither) से उसी प्रकार संबंधित है, जिस प्रकार 'स्थिर होना' ' से संबंधित है। (Stagnate) '_ (शब्दों को सार्थक हिंदी शब्द माना जाना चाहिए और शब्दों को अक्षरों की संख्या/व्यंजनों/स्वरों की संख्या के आधार पर एक दूसरे से संबंधित नहीं किया जाना चाहिए। Ans 🗙 1. खड़े रहना (Stand) 🗶 2. विराम (Rest) 🗶 4. मंद पड़ना (Languish) Question ID: 630680416703 Option 1 ID: 6306801625575 Option 2 ID: 6306801625577 Option 3 ID: 6306801625576 Option 4 ID: 6306801625578 Status: Answered

Q.8 In a certain code language, 'sit on chair' is coded as 'sk mi cn' and 'the chair broke' is coded as 'gm fr mi'. How is 'chair' coded in the given language? Ans X 1. gm X 2. sk 🥓 3. mi X 4. cn Question ID: 630680812195 Option 1 ID: 6306803182232 Option 2 ID: 6306803182230 Option 3 ID: 6306803182229 Option 4 ID: 6306803182231 Status: Answered Chosen Option: 3 Q.9 Select the set in which the numbers are related in the same way as are the numbers of (79, 58, 62) (54, 33, 37) (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/deleting/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 **X** 1. (59, 33, 43) **2**. (66, 45, 49) X 3. (47, 36, 41) **X** 4. (43, 25, 30) Question ID: 630680329206 Option 1 ID: 6306801280646 Option 2 ID: 6306801280645 Option 3 ID: 6306801280648 Option 4 ID: 6306801280647 Status: Answered

Chosen Option : 2

Q.10 Three of the following four options are alike in a certain way and thus form a group. Which is the option that does NOT belong to that group?
(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 /deleting /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 X 1.2-2-4 X 2.1-3-3

X 3. 2 - 4 - 8

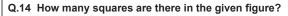
✓ 4. 3 − 2 − 5

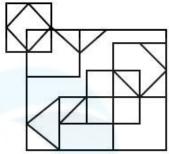
Question ID: 63068058690
Option 1 ID: 630680226383
Option 2 ID: 630680226382
Option 3 ID: 630680226385
Option 4 ID: 630680226384

Status: Answered

संबंधित है। (शब्दों को अर्थपूर्ण अंग्रेजी शब्दों के रूप में माना जाना चाहिए और शब्द आपस में अक्षरों की संख्या/व्यंजन/स्वरों की संख्या के आधार पर एक दूसरे से संबंधित नहीं होना चाहिए) उतावलापन : शर्मीला :: मनमुटाव : ? 🔭 ४ १. नाराज़गी Ans 🗶 २. अपराध 🗙 ३. गुस्सा 🥒 ४. आनंद Question ID: 630680195784 Option 1 ID: 630680759588 Option 2 ID: 630680759587 Option 3 ID: 630680759590 Option 4 ID: 630680759589 Status: Answered Chosen Option : 1 Q.12 Six letters S, T, M, P, R and C are written on different faces of a dice. Two positions of this dice are shown in the figures below. Find the letter on the face opposite to M. Ans X 1. C √ 2. R X 3. S X 4. P Question ID: 630680222365 Option 1 ID: 630680863293 Option 2 ID: 630680863292 Option 3 ID: 630680863294 Option 4 ID: 630680863291 Status: Answered Chosen Option: 2 Q.13 Select the option that can replace the question mark (?) in the following series. FM61, EK58, DI55, CG52, ? √ 1. BE49 X 2. CD44 X 3. BF48 X 4. CE46 Question ID: 630680416295 Option 1 ID: 6306801623945 Option 2 ID: 6306801623944 Option 3 ID: 6306801623946 Option 4 ID: 6306801623943 Status: Answered Chosen Option : 1

Q.11 उस विकल्प का चयन करें जो तीसरे शब्द से उसी प्रकार संबंधित है जैसे दूसरा शब्द पहले शब्द से





Ans

X 1. 12

X 2. 13

X 3. 15

4. 14

Question ID: 630680163562 Option 1 ID: 630680633432 Option 2 ID: 630680633433

Option 3 ID : **630680633435** Option 4 ID: 630680633434

Status : Answered Chosen Option: 4

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(7, 9, 48) (6, 8, 42)

(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/deleting/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 X 1. (10, 12, 54)

X 2. (9, 11, 56) 3. (11, 13, 72)

X 4. (8, 10, 47)

Question ID: 630680329209

Option 1 ID: 6306801280659

Option 2 ID: 6306801280658

Option 3 ID: 6306801280660

Option 4 ID: 6306801280657 Status: Answered

Chosen Option: 3

Q.16 Which two signs should be interchanged to make the following equation correct?

 $18 - 23 \times 455 \div 7 + 28 = 377$

Ans X 1. ÷ and -

X 2. - and +

X 3. + and ×

Question ID: 630680204292

Option 1 ID: 630680792251

Option 2 ID: 630680792252

Option 3 ID: 630680792254

Option 4 ID: 630680792253

Status: Answered Chosen Option: 4

Q.17 Select the option that represents the letters that when placed from left to right in the blanks below will complete the given letter series. L M B A $_$ H O L M B A C $_$ O L M $_$ A C H O L $_$ B A C H O L $_$ X 1. CHMBM X 2. CMHBM X 4. CHMMB Question ID: 630680416261 Option 1 ID: 6306801623809 Option 2 ID: 6306801623810 Option 3 ID: 6306801623808 Option 4 ID: 6306801623807 Status: Answered Chosen Option: 3 Q.18 The position of how many letters will remain unchanged if each of the letters in the word 'PRANKED' is arranged in the English alphabetical order? X 1. One Ans 2. None X 3. Three X 4. Two Question ID: 630680327763 Option 1 ID: 6306801275042 Option 2 ID: 6306801275041 Option 3 ID: 6306801275044 Option 4 ID: 6306801275043 Status : Answered Chosen Option: 2 Q.19 In a certain code language, A # B means A is the sister of B. A @ B means A is the son of B. A & B means A is the wife of B. A % B means A is the father of B. How is Q related to R if P & Q % L # R & K? Ans X 1. Sister X 2. Mother 3. Father X 4. Wife Question ID: 630680297721 Option 1 ID: 6306801158285 Option 2 ID: 6306801158284 Option 3 ID: 6306801158283 Option 4 ID: 6306801158286 Status: Answered Chosen Option: 3

Q.20 What will come in place of the question mark (?) in the following equation if '+' and ' \div ' are interchanged and 'x' and '-' are interchanged?

$$4 - 12 + 3 \div 12 \times 6 = ?$$

X 1. 11

X 2. 46

X 3. 13

Question ID: 630680327808 Option 1 ID: 6306801275202 Option 2 ID: 6306801275203 Option 3 ID: 6306801275201 Option 4 ID: 6306801275204 Status: Answered

Chosen Option: 4

Q.21 Select the correct mirror image of the given figure when the mirror is placed at MN as



y Re V 4 k L .t × anA

yReA4kL sw

AReA4kL EX

yReAbkl 4X

Question ID: 630680356659

Option 1 ID: 6306801388638

Option 2 ID: 6306801388639

Option 3 ID: 6306801388637

Option 4 ID: 6306801388640 Status : Answered

Chosen Option: 2

Q.22 Which letter-cluster will replace the question mark (?) to complete the given series? ZVRN, VSPM, RPNL, ?, JJJJ

X 1. RNLL

2. NMLK

X 3. RMLN

X 4. RNLK

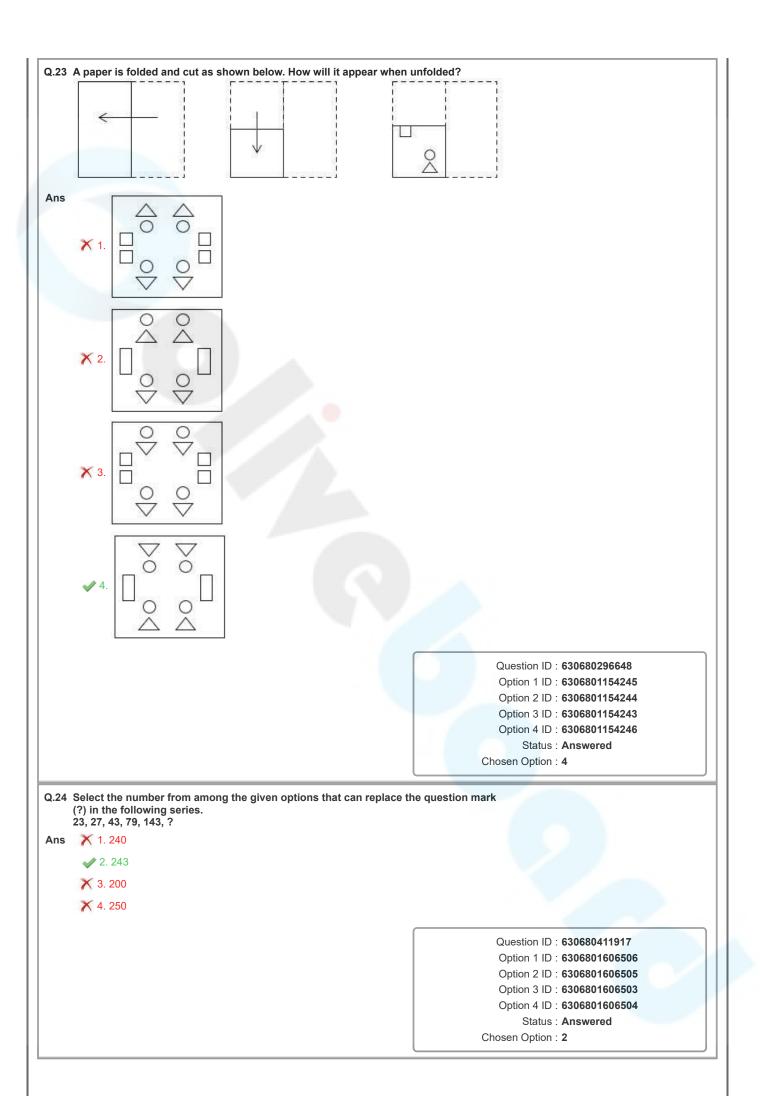
Question ID: 630680417024

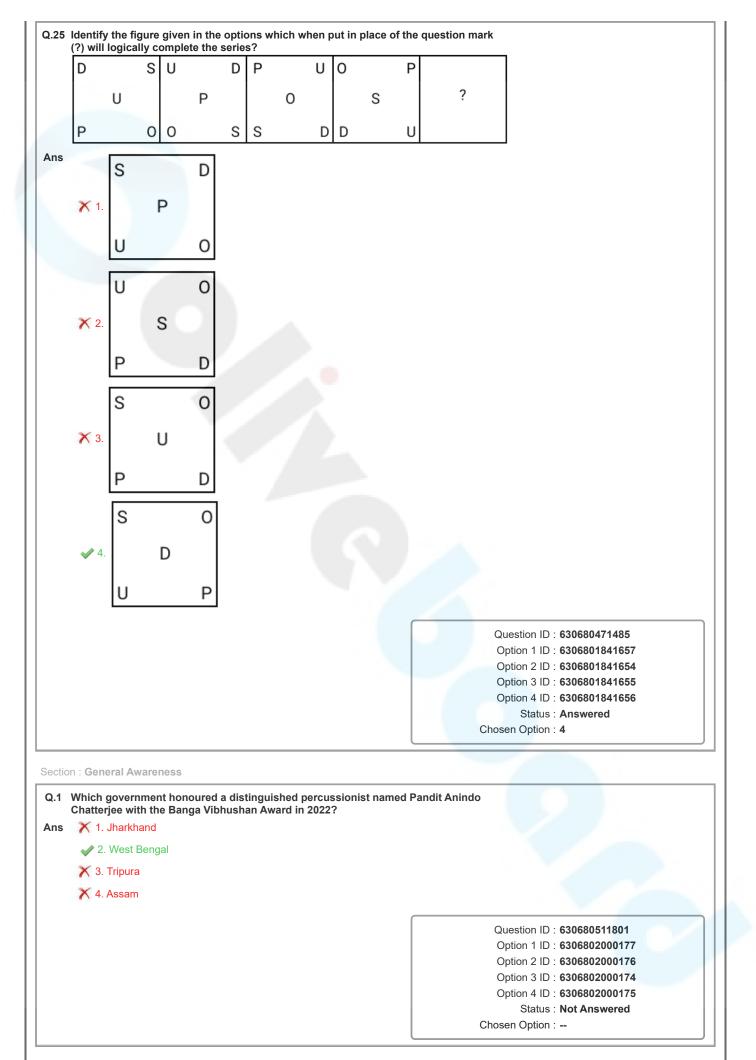
Option 1 ID: 6306801626860

Option 2 ID: 6306801626859

Option 3 ID: 6306801626861 Option 4 ID: 6306801626862

Status: Answered





Q.2 According to the Indian Railways (2019-2020), which state has the largest railway track in India? Ans X 1. Madhya Pradesh 2. Uttar Pradesh X 3. Haryana 🗙 4. Punjab Question ID: 630680216372 Option 1 ID: 630680839463 Option 2 ID: 630680839466 Option 3 ID: 630680839465 Option 4 ID: 630680839464 Status: Not Answered Chosen Option: --Q.3 Who was appointed as India's 28th Controller General of Accounts (CGA) in March Ans X 1. Praveen Sharma 2. SS Dubey X 3. Vikram Devdutt X 4. Arun Goel Question ID: 630680413034 Option 1 ID: 6306801610960 Option 2 ID: 6306801610959 Option 3 ID: 6306801610962 Option 4 ID: 6306801610961 Status: Not Answered Chosen Option: --Q.4 After the death of Humayun, the 13 year-old Akbar was coronated in 1556 at Kalanaur in Ans X 1. Gujarat X 2. Rajasthan 3. Punjab X 4. Bengal Question ID: 630680412496 Option 1 ID: 6306801608808 Option 2 ID: 6306801608809 Option 3 ID: 6306801608807 Option 4 ID: 6306801608810 Status: Answered Chosen Option: 2 Q.5 Which Five-Year Plan primarily focused on the 'Garibi Hatao' initiative? Ans X 1. Fourth Five-Year Plan X 2. Sixth Five-Year Plan X 3. Third Five-Year Plan 4. Fifth Five-Year Plan Question ID : 630680411050 Option 1 ID: 6306801602953 Option 2 ID: 6306801602955

Option 1 ID : 6306801602953 Option 2 ID : 6306801602955 Option 3 ID : 6306801602952 Option 4 ID : 6306801602954 Status : Not Answered

Q.6 In which of the following cities of Manipur is the Jawaharlal Nehru Manipur Dance Academy located? Ans X 1. Ukhrul 2. Imphal X 3. Chandel X 4. Thoubal Question ID : 630680216216 Option 1 ID: 630680838841 Option 2 ID: 630680838839 Option 3 ID: 630680838842 Option 4 ID: 630680838840 Status : Not Attempted and Marked For Review Chosen Option: --Which Governor-General of British India helped Raja Ram Mohan Roy legally abolish the sati practice? X 1. Lord Curzon Ans 2. Lord William Bentinck X 3. Lord Cornwallis X 4. Lord Ripon Question ID: 630680412363 Option 1 ID: 6306801608277 Option 2 ID: 6306801608275 Option 3 ID: 6306801608278 Option 4 ID: 6306801608276 Status : Answered Chosen Option: 2 Q.8 Mahabalipuram emerged as an important centre of temple architecture under which of the following kingdoms of south India? 1. Pallava Ans X 2. Chera X 3. Chola X 4. Chalukya Question ID: 630680412521 Option 1 ID: 6306801608909 Option 2 ID: 6306801608910 Option 3 ID: 6306801608907 Option 4 ID: 6306801608908 Status: Not Answered Chosen Option: --

Q.9 Which of the following was the mascot of the FIH men's Hockey World Cup - 2023? Ans X 1. Asha X 2. Bheema X 3. Jitu 4. Olly Question ID: 630680510808 Option 1 ID: 6306801996365 Option 2 ID: 6306801996363 Option 3 ID: 6306801996364 Option 4 ID: 6306801996362 Status: Not Answered Chosen Option: --Q.10 By which of the following state governments is the Tansen Music Festival organised? 1. Madhya Pradesh Government X 2. Maharashtra Government X 3. Uttar Pradesh Government X 4. Rajasthan Government Question ID: 630680512252 Option 1 ID: 6306802001979 Option 2 ID: 6306802001978 Option 3 ID: 6306802001980 Option 4 ID: 6306802001981 Status: Answered Chosen Option: 1 Q.11 Which of the following statements is INCORRECT about the Directive Principles of State Policy? 1. They are positive, as they require the State to do certain things. Ans X 2. These have moral and political sanctions. X 3. They aim at establishing social and economic democracy in the country. Question ID: 630680326510 Option 1 ID: 6306801270125 Option 2 ID: 6306801270127 Option 3 ID: 6306801270126 Option 4 ID: 6306801270128 Status: Answered Chosen Option: 4 Q.12 The Indian Constitution has established _ √ 1. independent judicial system X 2. plural judicial system X 3. dual judicial system X 4. partial Judicial system Question ID: 630680329463 Option 1 ID: 6306801281593 Option 2 ID: 6306801281595 Option 3 ID: 6306801281594

Option 4 ID : **6306801281596** Status : **Answered**

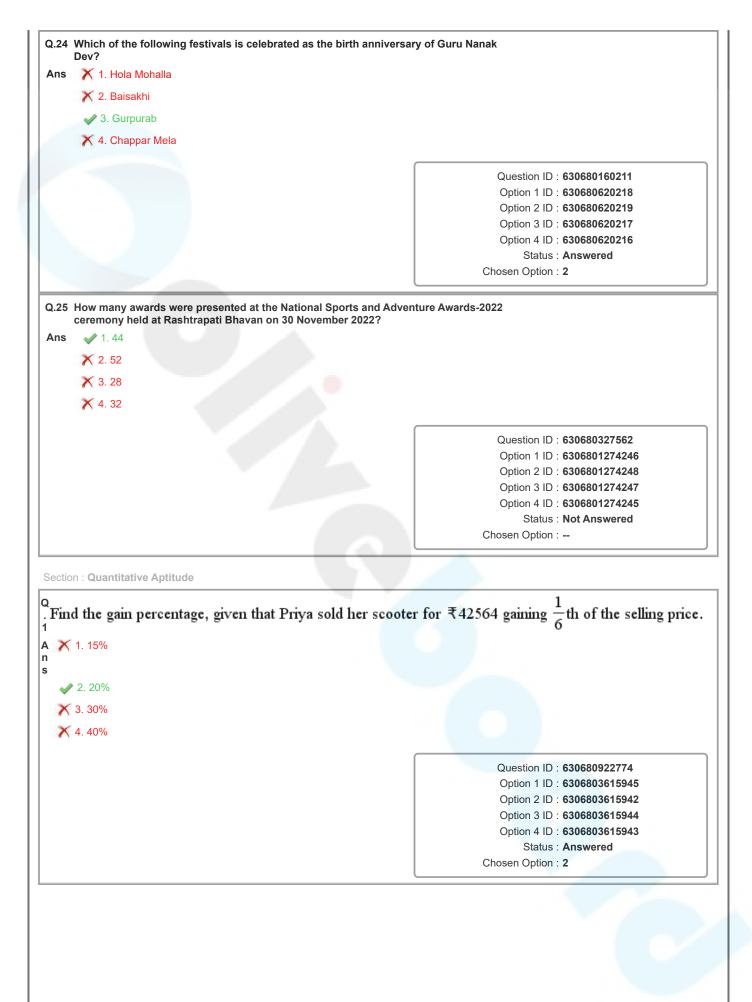
Q.13 Which of the following is a non-perishable food? Ans 1. Pulses X 2. Curds X 3. Meat X 4. Milk Question ID : 630680321349 Option 1 ID: 6306801250108 Option 2 ID : **6306801250106** Option 3 ID: 6306801250107 Option 4 ID: 6306801250105 Status : Answered Chosen Option: 3 Q.14 Which of the following is NOT correct with regards to the history of calculating National Income (NI) in India? ✓ 1. Dadabhai Naoroji divided the Indian economy into two parts: primary sector and secondary sector. 2. First attempt to compute NI was made by Dadabhai Naoroji. X 3. First official attempt to compute NI was made by PC Mahalanobis. X 4. First scientific method to compute NI was used by Dr VKRV Rao. Question ID: 630680324080 Option 1 ID: 6306801260816 Option 2 ID: 6306801260813 Option 3 ID: 6306801260815 Option 4 ID: 6306801260814 Status: Not Answered Chosen Option: --Q.15 Hubbardia heptaneuron, which has become endangered, is a species of which of the following? Ans X 1. Tiger X 2. Bamboo X 3. Crane 4. Grass Question ID: 630680302665 Option 1 ID: 6306801177329 Option 2 ID: 6306801177326 Option 3 ID: 6306801177328 Option 4 ID: 6306801177327 Status: Answered Chosen Option: 3

Q.16 The Parliament passed the Marine Aids to Navigation Bill, 2021 to repeal and replace which of the following Acts? Ans X 1. The Dourine Act, 1910 ✓ 2. The Lighthouse Act, 1927 X 3. The Dangerous Machines (Regulation) Act, 1983 X 4. The Personal Injuries (Emergency Provisions) Act, 1962 Question ID: 630680158399 Option 1 ID: 630680613126 Option 2 ID: 630680613125 Option 3 ID: 630680613124 Option 4 ID: 630680613127 Status: Not Answered Chosen Option: --Q.17 When was the 1st Asian Kabaddi Championship held? Ans X 1. 1975 X 2. 1970 **3**. 1980 X 4. 1985 Question ID: 630680510763 Option 1 ID: 6306801996184 Option 2 ID: 6306801996182 Option 3 ID: 6306801996183 Option 4 ID: 6306801996185 Status: Not Answered Chosen Option: --Q.18 The climate of a place is NOT affected by which of the following? Ans X 1. Location 2. Type of soil X 3. Relief X 4. Distance from the sea Question ID: 630680124376 Option 1 ID: 630680482355 Option 2 ID: 630680482356 Option 3 ID: 630680482357 Option 4 ID: 630680482354 Status: Answered Chosen Option: 3 Q.19 In which musical note did Newland put the metals Co and Ni with halogens? Ans X 1. Re X 2. Mi √ 3. Do X 4. Fa Question ID: 63068076943

Question ID: 63068076943
Option 1 ID: 630680297870
Option 2 ID: 630680297871
Option 3 ID: 630680297869
Option 4 ID: 630680297872
Status: Not Answered

Chosen Option : --

Q.20 Which of the following places is related to Gandhi's Satyagraha of the year 1917? √ 1. Champaran X 2. Ahmedabad X 3. Kheda X 4. Bardoli Question ID : 630680511506 Option 1 ID: 6306801999146 Option 2 ID: 6306801999149 Option 3 ID: 6306801999147 Option 4 ID: 6306801999148 Status : Answered Chosen Option : 1 Q.21 Which of the following is in geographical proximity to Sri Lanka? 1. Only Karaikal X 2. Karaikal and Yanam X 3. Only Yanam X 4. Mahe Question ID: 630680409599 Option 1 ID: 6306801597225 Option 2 ID: 6306801597228 Option 3 ID: 6306801597226 Option 4 ID: 6306801597227 Status: Not Answered Chosen Option: --Q.22 The decomposition of gaseous Ammonia on a hot platinum surface is a order reaction at high pressure. X 1. three Ans X 2. two 3. zero X 4. one Question ID : 63068052320 Option 1 ID: 630680201383 Option 2 ID: 630680201385 Option 3 ID: 630680201384 Option 4 ID: 630680201382 Status: Not Answered Chosen Option: --Q.23 Which organisms are classified as Aves? Ans X 1. Frogs X 2. Snakes 3. Birds X 4. Fishes Question ID: 630680517132 Option 1 ID: 6306802020926 Option 2 ID: 6306802020927 Option 3 ID: 6306802020924 Option 4 ID: 6306802020925 Status: Answered



Q.2 Kiran lent ₹4,000 to two persons such that one part of it at the rate of 8% per annum and the remaining part at the rate of 10% per annum. He got an annual simple interest of ₹352. Then the sum lent at 10% is:

Ans

- **X** 1. ₹2,400
- X 2. ₹1,800
- **√** 3. ₹1,600
- **X** 4. ₹2,200

Question ID : **630680358065** Option 1 ID : **6306801394249**

Option 2 ID : **6306801394251** Option 3 ID : **6306801394250** Option 4 ID : **6306801394252**

Status : Answered

Chosen Option: 3

Q.3 By applying which of the following criteria can two triangles NOT be proved congruent?

Ans

- X 1. side-side-side
 - 2. angle-angle-angle
 - X 3. side-angle-side
 - X 4. angle-side-angle

Question ID : 630680526460

Option 1 ID : **6306802057906** Option 2 ID : **6306802057909**

Option 3 ID : **6306802057907**

Option 4 ID : **6306802057908** Status : **Answered**

Chosen Option: 2

Q.4

$$\frac{2 + \tan^2 2A + \cot^2 2A}{\sec 2A \cdot \csc 2A}$$
 is equal to _____

Ans

- √ 1 sec 2 A cosec 2A
- × 2. cot 2 A cosec 2A
- X 3. sec 2 A + cosec 2A
- \times 4 sec 2 A + tan 2 A

Question ID: 630680380394

Option 1 ID: 6306801482573

Option 2 ID : **6306801482571**

Option 3 ID : 6306801482574

Option 4 ID: 6306801482572

Status : Not Answered

Q.5 X, Y, and Z are three points on a plane with XY = 11 cm, YZ = 13 cm, and XZ = 24 cm. The number of circles that travel through points X, Y, and Z is: Ans **1.** 0 X 2. 2 **X** 3. 1 **X** 4. 3 Question ID : 630680404479 Option 1 ID: 6306801577416 Option 2 ID: 6306801577418 Option 3 ID: 6306801577417 Option 4 ID: 6306801577419 Status: Not Answered Chosen Option: --Q.6 Which of the following is the largest 5-digit number divisible by 47? X 1. 99999 **X** 2. 10000 **3**. 99969 **X** 4. 98888 Question ID: 630680108755 Option 1 ID: 630680421932 Option 2 ID: 630680421933 Option 3 ID: 630680421934 Option 4 ID : 630680421935 Status : **Answered** Chosen Option: 3 Q.7 If, on a marked price, the difference between selling prices with a discount of 65% and with two successive discounts of 30% and 40% is ₹105, then the marked price (in ₹) is: **1.** 1,500 Ans **X** 2. 1,050 **X** 3. 1,650 **X** 4. 1,320 Question ID: 630680428043 Option 1 ID: 6306801670218 Option 2 ID: 6306801670219 Option 3 ID: 6306801670216 Option 4 ID: 6306801670217 Status: Not Answered Chosen Option: --

What is the value of D, if A : C = B : D in the given table?

A	В	С	D
25	40	30	?

Ans X 1. 45

X 2. 56

X 3. 42

4. 48

Question ID: 630680428095 Option 1 ID: 6306801670425 Option 2 ID: 6306801670427 Option 3 ID: 6306801670424 Option 4 ID: 6306801670426

Status : **Answered** Chosen Option : **4**

Q.9 Two circles of radii 18 cm and 12 cm touch each other externally. Find the length (in cm) of their direct common tangent.

Ans

 $\sqrt{1.12}\sqrt{6}$

× 2. 18√6

× 3. 15√6

× 4. 10√6

Question ID: 630680198935 Option 1 ID: 630680771468 Option 2 ID: 630680771470 Option 3 ID: 630680771469

Option 4 ID: 630680771467

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.10 Three pipes P, Q and R can fill a cistern in 40 minutes, 80 minutes and 120 minutes, respectively. Initially, all the pipes are opened. After how much time (in minutes) should the pipes Q and R be turned off so that the cistern will be completely filled in just half an hour?

Ans

1. 12

X 2. 16

X 3. 14

X 4. 10

Question ID: 630680390414

Option 1 ID : **6306801522099**Option 2 ID : **6306801522101**Option 2 ID : **6306801522101**

Option 3 ID : **6306801522100** Option 4 ID : **6306801522098**

Status : Answered

Q.11 The ages of two friends, Ram and Ravi, differ by 7 years. Ram's mother Mayadevi is three times as old as Ram, and Ravi is four times as old as his brother Soham. The ages of Mayadevi and Soham differ by 65 years. Find the age of Mayadevi (in years).

Ans

× 1. 45

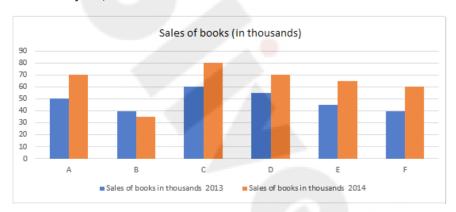
X 3. 36

X 4. 85

Question ID: 630680354928
Option 1 ID: 6306801381786
Option 2 ID: 6306801381787
Option 3 ID: 6306801381785
Option 4 ID: 6306801381788
Status: Answered

Chosen Option : 2

Q.12 The bar graph given below shows the sales of books from six schools during two consecutive years, 2013 and 2014.



What percentage of the average sales of the schools A, B, and C in 2014 is the average sales of schools A, C, and F in 2013?

Ans

1.81.08%

X 2. 81%

X 3. 80%

X 4. 80.08%

Question ID: 630680428008 Option 1 ID: 6306801670079 Option 2 ID: 6306801670078 Option 3 ID: 6306801670076 Option 4 ID: 6306801670077

Status: Not Answered

Chosen Option: --

Q.13 A money bag contains one rupee, 5 rupee and 10 rupee coins in the ratio of 3 : 5 : 7 respectively. If the total amount in the bag is ₹980,then find the number of coins of ₹10.

Ans

X 1.71

X 2.68

X 3. 69

4. 70

Question ID: 630680524217

Option 1 ID : **6306802049022** Option 2 ID : **6306802049020**

Option 3 ID : **6306802049021** Option 4 ID : **6306802049019**

Status : **Answered** Chosen Option : **4**

Q.14 Ramesh purchased some items from a dealer on 19 November 2019. The bill generated was for ₹5,480. He had also purchased some items on 10 November 2019 having the bill value of ₹9,800. He cleared both the bills this time and paid the total amount in cash. If the dealer gives a scheme of 2% discount on the payments done within 10 days and 5% for the payments made in cash at the time of purchase, then find the amount paid by Ramesh on 19 November 2019.

Ans

× 1. ₹14,850

× 2. ₹14,950

√ 3. ₹14,810

× 4. ₹14,890

Question ID : 630680115569
Option 1 ID : 630680447627
Option 2 ID : 630680447629
Option 3 ID : 630680447626
Option 4 ID : 630680447628
Status : Not Answered

Chosen Option : --

Q.15 A pole 10 m long rests slantly against a vertical wall AB making an angle 30° with the horizontal (ground). Find how far the foot of the pole is from the wall (in metres).

Ans

$$\times$$
 4. $\frac{5}{\sqrt{3}}$

Question ID : **630680526444** Option 1 ID : **6306802057843**

Option 2 ID : **6306802057842** Option 3 ID : **6306802057845** Option 4 ID : **6306802057844**

Status : Answered

Q.16 The following table represents the total number of research scholars and the respective number of female research scholars in various departments of a university. Study the table carefully and answer the question that follows.

Department	Total number	Number of	
	of research	female	
	scholars	research	
		scholars	
Physics	35	12	
Chemistry	40	28	
Mathematics	18	4	
Statistics	12	3	

What is the ratio of male research scholars in Mathematics to Statistics?

Ans

X 1.9:14

2. 14 : 9

X 3.6:7

X 4.7:6

Question ID : 630680428192

Option 1 ID : 6306801670812 Option 2 ID : 6306801670815 Option 3 ID : 6306801670814 Option 4 ID : 6306801670813

Status : **Answered**

Chosen Option : 2

Q.17 A bus travels $\frac{1}{3}$ of the distance initially at a speed of 40 km/h, the next $\frac{1}{3}$ of the distance 50 km/h, and the final $\frac{1}{3}$ of the distance at 60 km/h. Find the average speed of the bus for the entire journey.

(Rounded off to two decimal places)

Ans

√ 1. 48.65 km/h

X 2. 54.13 km/h

X 3. 51.43 km/h

X 4. 46.85 km/h

Question ID: 630680397024

Option 1 ID: 6306801548148

Option 2 ID: 6306801548151

Option 3 ID: 6306801548150

Option 4 ID: 6306801548149

Status : Answered

If $a + \frac{1}{a} = 12$, then find the value of $a^2 + \frac{1}{a^2}$.

Ans X 1. 146

Question ID: 630680413479 Option 1 ID: 6306801612742 Option 2 ID: 6306801612743

Option 3 ID: 6306801612741 Option 4 ID: 6306801612740

Status: Answered

Chosen Option: 3

Q.19 Let $0^{\circ} < t < 90^{\circ}$. Then which of the followings is true?

 \times 1. $\sin(t) < \cos(t)$ when $t > 45^{\circ}$

 \times 2. $\sin(t) \neq \cos(t)$ when $t = 45^{\circ}$

✓ 3. $\sin(t) < \cos(t)$ when $t < 45^{\circ}$

 \times 4. $\sin(t) > \cos(t)$ when $t < 45^{\circ}$

Question ID: 630680526461

Option 1 ID: 6306802057911 Option 2 ID: 6306802057913 Option 3 ID: 6306802057912 Option 4 ID: 6306802057910

Status: Answered

Chosen Option: 3

Q.20 Study the given table and answer the question that follows.

The given table shows the production of three types of cars (A, B and C) manufactured (in thousands) by an automobile company over the years.

Year	A	В	C
2015	840	680	890
2016	900	750	960
2017	760	620	1000
2018	800	540	1200

For all the years from 2015 to 2018, the average production of B-type cars is how much less (in thousands) than that of the combined average production of A-type and C-type cars?

Ans

1. 271.25

X 2. 284.55

X 3. 238.5

X 4. 314.75

Question ID: 630680523745

Option 1 ID: 6306802047131 Option 2 ID: 6306802047134

Option 3 ID: 6306802047132 Option 4 ID: 6306802047133

Status: Not Answered

If a right circular cone of height 24 cm has a volume of 1232 cm³, then the total surface area of the cone is (use $\pi = \frac{22}{7}$):

- √ 1. 704 cm²
- X 2. 904 cm²
- \times 3. 608 cm²
- imes 4. 806 cm²

Question ID: 630680421518 Option 1 ID: 6306801644538 Option 2 ID: 6306801644536 Option 3 ID: 6306801644537 Option 4 ID : 6306801644535

Status: Not Answered Chosen Option : --

Q.22 If the sum of three numbers is 18 and the sum of their squares is 36, then find the difference between the sum of their cubes and three times of their product.

Ans

- X 1. 1449
- X 2. -1494
- **X** 3. 4149

Question ID: 630680413533 Option 1 ID: 6306801612957 Option 2 ID: 6306801612958 Option 3 ID: 6306801612959 Option 4 ID: 6306801612956

Status: Not Answered

Chosen Option: --

Q.23 The side of an equilateral triangle is 28 cm. Taking each vertex as the centre, a circle is described with a radius equal to half the length of the side of the triangle. Find the area of that part of the triangle which is not included in the circles (use $\pi = \frac{22}{\pi}$ and

of that part of the triangle which is not included in the circles (use π =

$$\sqrt{3} = 1.73$$
).

Ans

- X 1. 30.89 cm²
- √ 2. 31.08 cm²
- X 3. 39.08 cm²
- X 4. 38.08 cm²

Question ID: 630680402046

Option 1 ID: 6306801567886 Option 2 ID: 6306801567887

Option 3 ID: 6306801567889

Option 4 ID: 6306801567888

Status: Not Answered

Q.24 In a circular race of 750 m, X and Y start from the same point and at the same time with speeds of 9 km/h and 13.5 km/h, respectively. If they are running in the same direction then, when will they meet again for the first time on the track? X 1. 500 seconds ✓ 2. 600 seconds X 3. 900 seconds X 4. 750 seconds Question ID: 630680135100 Option 1 ID: 630680523186 Option 2 ID: 630680523187 Option 3 ID: 630680523189 Option 4 ID: 630680523188 Status: Answered Chosen Option: 2 Q.25 The value of $15 \div 3$ of $2 \times 2 + 9 \div 18$ of $2 \times 4 - 4 \div 8 \times 2$ is: Question ID: 630680422094 Option 1 ID: 6306801646811 Option 2 ID: 6306801646813 Option 3 ID: 6306801646814 Option 4 ID: 6306801646812 Status: Answered Chosen Option: 1 Section : English Comprehension Q.1 Select the most appropriate synonym of the underlined word in the given sentence. The Morbi bridge mishap has left Gujarat in a deplorable state. X 1. Complaining 2. Despicable X 3. Rejoicing X 4. Jubilation Question ID: 630680160241 Option 1 ID: 630680620339 Option 2 ID: 630680620338 Option 3 ID: 630680620337 Option 4 ID: 630680620336 Status: Answered Chosen Option: 2

Q.2 Select the option that can be used as a one-word substitute for the given group of words. A government by the officials X 1. Monarchy X 2. Autocracy 3. Bureaucracy X 4. Plutocracy Question ID : 630680414689 Option 1 ID: 6306801617501 Option 2 ID: 6306801617502 Option 3 ID: 6306801617499 Option 4 ID: 6306801617500 Status: Answered Chosen Option: 3 Q.3 Select the most appropriate idiom to fill in the blank. about whether to accept the job offer or continue freelancing. Both options have their advantages. Ans X 1. up in arms X 2. left out in cold 3. on the fence X 4. cutting corners Question ID: 630680374411 Option 1 ID: 6306801458827 Option 2 ID: 6306801458829 Option 3 ID: 6306801458828 Option 4 ID: 6306801458830 Status: Answered Chosen Option: 3 Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. After the concert was over, / they go to a restaurant, / had dinner together / and talked until midnight. Ans √ 1. they go to a restaurant, X 2. had dinner together X 3. and talked until midnight 4. After the concert was over, Question ID: 630680514335 Option 1 ID: 6306802009966 Option 2 ID: 6306802009967 Option 3 ID: 6306802009968 Option 4 ID: 6306802009965 Status: Answered Chosen Option: 3

Q.5 Select the most appropriate synonym of the underlined word. He was trembling with fear. X 1. Intrepid Ans X 2. Weeping X 3. Running 4. Shivering Question ID : 630680360818 Option 1 ID: 6306801405145 Option 2 ID: 6306801405148 Option 3 ID: 6306801405147 Option 4 ID: 6306801405146 Status: Answered Chosen Option: 4 Q.6 Select the most appropriate option to substitute the underlined segment in the given I have been living in Hyderabad since I am born . Ans √ 1. since I was born X 2. since I have born X 3. since I will be born X 4. since I born Question ID: 630680162178 Option 1 ID: 630680628016 Option 2 ID: 630680628019 Option 3 ID: 630680628018 Option 4 ID: 630680628017 Status : **Answered** Chosen Option: 1 Select the option that can be used as a one-word substitute for the given group of Q.7 A person who sells and arranges cut flowers. Ans X 1. Horticulturist X 2. Botanist 3. Florist X 4. Gardener Question ID: 630680414789 Option 1 ID: 6306801617901 Option 2 ID: 6306801617902 Option 3 ID: 6306801617899 Option 4 ID: 6306801617900 Status: Answered Chosen Option: 3

Q.8 Select the most appropriate ANTONYM of the underlined word. She was elated about her promotion, but her colleague felt quite disheartened. Ans X 1. proud X 2. delighted X 3. cheerful 4. discouraged Question ID : 630680374404 Option 1 ID: 6306801458799 Option 2 ID: 6306801458801 Option 3 ID: 6306801458800 Option 4 ID: 6306801458802 Status: Answered Chosen Option: 4 Q.9 Select the option that can be used as a one-word substitute for the given group of A place where fruit trees are grown Ans X 1. Garden X 2. Museum X 3. Quay 4. Orchard Question ID: 630680129475 Option 1 ID: 630680501518 Option 2 ID: 630680501520 Option 3 ID: 630680501521 Option 4 ID: 630680501519 Status: Marked For Review Chosen Option: 4 Q.10 Select the option that can be used as a one-word substitute for the given group of A small group of people who spend their time together and do not welcome other people into that group √ 1. Clique Ans X 2. Employees X 3. Lobby X 4. Squad Question ID: 630680310106 Option 1 ID: 6306801206568 Option 2 ID: 6306801206566 Option 3 ID: 6306801206565 Option 4 ID: 6306801206567 Status: Marked For Review Chosen Option: 1

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Renewable energy / sources like solar and wind power / will replaced traditional fossil fuels / and help reduce carbon emissions.

Ans X 1. and help reduce carbon emissions

2. will replaced traditional fossil fuels

X 3. sources like solar and wind power

X 4. Renewable energy

Question ID: 630680512939
Option 1 ID: 6306802004705
Option 2 ID: 6306802004704
Option 3 ID: 6306802004703
Option 4 ID: 6306802004702

Status: Answered

Chosen Option: 1

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. More children go to school than at any time in the past. But more children today are out of school than any time in the past.

B. But it is not enough to blame the high birth rate for this state of affairs.

C. Indeed, it can be reasonably argued that continued mass illiteracy is not the result but the cause of the high birth rate.

D. There are more literate people in India today than ever before. But there are also more illiterates than ever before.

Ans X 1. ABCD

2. DABC

X 3. CBAD

X 4. BADC

Question ID : 630680167080

Option 1 ID : 630680647180 Option 2 ID : 630680647182 Option 3 ID : 630680647181 Option 4 ID : 630680647183

Status: Answered

Chosen Option : 2

Q.13 Select the most appropriate meaning of the given idiom.
On the ball

X 2. Unaware of any changes or developments and lazy to react to them

X 3. Aware of any changes or developments but slow to react to them

X 4. Aware of any changes or developments but doing nothing

Question ID: 630680374330

Option 1 ID: 6306801458512

Option 2 ID : **6306801458511**

Option 3 ID : **6306801458513** Option 4 ID : **6306801458514**

Status : Answered

Q.14 Select the most appropriate synonym of the bold word in the following sentence. He tried to alleviate the sufferings of his neighbours. Ans X 1. Swell X 2. Add 3. Relieve X 4. Intensify Question ID: 630680283526 Option 1 ID: 6306801102224 Option 2 ID: 6306801102223 Option 3 ID: 6306801102225 Option 4 ID: 6306801102226 Status : Answered Chosen Option: 3 Q.15 Identify the most appropriate antonym of the given word. Timid Ans X 1. Meek 2. Daring X 3. Spooky X 4. Anxious Question ID: 630680517349 Option 1 ID: 6306802021794 Option 2 ID: 6306802021795 Option 3 ID: 6306802021793 Option 4 ID: 6306802021792 Status : Answered Chosen Option: 2 Q.16 Select the option that expresses the given sentence in active voice. The contract was grabbed by the biggest telecom company in India. X 1. The biggest telecom company in India grabs the contract. Ans ✓ 2. The biggest telecom company in India grabbed the contract. X 3. The biggest telecom company in India will grab the contract. 4. The biggest telecom company in India has grabbed the contract. Question ID: 630680415254 Option 1 ID: 6306801619764 Option 2 ID: 6306801619765 Option 3 ID: 6306801619766 Option 4 ID: 6306801619763 Status: Answered Chosen Option: 2

Q.17 The following sentence contains a word with a spelling error. Rectify the sentence by selecting the correct spelling of the identified word from the given options.

He has to be conscious of his public manners as he is a decendent of a reputed family in this region.

X 1. Dicsendent

X 2. Decendant

3. Descendant

X 4. Discendent

Question ID: 630680360839 Option 1 ID: 6306801405229 Option 2 ID: 6306801405230 Option 3 ID : **6306801405232** Option 4 ID: 6306801405231

Status: Answered Chosen Option: 3

Q.18 Select the option that expresses the given sentence in active voice. By whom was grammar taught to you?

Ans X 1. You were taught grammar by whom?

2. Who taught you grammar?

X 3. Who had taught you grammar?

X 4. Did he teach you grammar?

Question ID: 630680415156 Option 1 ID: 6306801619371 Option 2 ID: 6306801619374 Option 3 ID: 6306801619373 Option 4 ID: 6306801619372

Status : Answered Chosen Option: 2

Q.19 Identify from the given options the word which is similar in meaning to the following word.

Equivocal

Ans

1. Ambiguous

X 2. Balanced

X 3. Clear

X 4. Representative

Question ID: 630680360068

Option 1 ID: 6306801402217 Option 2 ID: 6306801402219 Option 3 ID: 6306801402218

Option 4 ID: 6306801402220

Status: Answered

Ans	X 1. Collaegue	
	X 2. Conscensus	
	✓ 3. Entrepreneurship	
	X 4. Bizzaire	
		Question ID : 630680409939
		Option 1 ID : 6306801598588
		Option 2 ID: 6306801598585
		Option 3 ID : 6306801598587
		Option 4 ID: 6306801598586
		Status : Answered
		Chosen Option : 4
	Comprehension:	
Q.21 Ans	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The third National Wildlife Action Plan for 2017- 2031, underlying India's conservation, was unveiled (1) the Global Wildlife Programme correcognises (2) addresses concerns pertaining to climate chang wildlife. The plan details the importance of ecosystems for food production, health of (3) survival and sustainable development. It also emphasises properties (4) and sustainable utilisation of species and ecosystem bearing on our scientific advancements and support to millions of rural control to the plan underscores rehabilitation of threatened wildlife species (5) coastal and marine ecosystems while conserving their habitats. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. X 1. for 2. at 3. to 4. in	plan for wildlife inference. The plan es and its impact on in and other aspects reservation of is which has direct immunities inland aquatic,
		Question ID : 630680164270
		Option 1 ID : 630680636209
		Option 2 ID : 630680636210
		Option 3 ID : 630680636211
		Option 4 ID : 630680636208
		Status : Answered Chosen Option : 1
		Chosen Option . I

Q.20 Select the correctly spelt word.

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 third National Wildlife Action Plan for 2017- 2031, underlying India's plan for wildlife conservation, was unveiled (1)_ _ the Global Wildlife Programme conference. The plan recognises (2)_ addresses concerns pertaining to climate changes and its impact on The plan details the importance of ecosystems for food production, health and other aspects survival and sustainable development. It also emphasises preservation of and sustainable utilisation of species and ecosystems which has direct bearing on our scientific advancements and support to millions of rural communities. The plan underscores rehabilitation of threatened wildlife species (5) coastal and marine ecosystems while conserving their habitats. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. X 1. in Ans X 2. to 3. and X 4. for Question ID: 630680164271

Option 1 ID: 630680636214 Option 2 ID: 630680636215 Option 3 ID: 630680636212 Option 4 ID: 630680636213 Status: Answered

Chosen Option: 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The third National Wildlife Action Plan for 2017- 2031, underlying India's plan for wildlife conservation, was unveiled (1)____ _ the Global Wildlife Programme conference. The plan recognises (2)_ _ addresses concerns pertaining to climate changes and its impact on wildlife

The plan details the importance of ecosystems for food production, health and other aspects _ survival and sustainable development. It also emphasises preservation of genetic (4) and sustainable utilisation of species and ecosystems which has direct bearing on our scientific advancements and support to millions of rural communities. The plan underscores rehabilitation of threatened wildlife species (5)_ coastal and marine ecosystems while conserving their habitats.

SubQuestion No: 23

Q.23 Select the most appropriate option to fill in blank number 3.

Ans X 1. breed

X 2. species

X 3. group

Question ID: 630680164272

Option 1 ID: 630680636217 Option 2 ID: 630680636216 Option 3 ID: 630680636219 Option 4 ID: 630680636218

Status: Answered Chosen Option: 2

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The third National Wildlife Action Plan for 2017- 2031, underlying India's plan for wildlife conservation, was unveiled (1)_ _ the Global Wildlife Programme conference. The plan recognises (2)_ addresses concerns pertaining to climate changes and its impact on wildlife . The plan details the importance of ecosystems for food production, health and other aspects survival and sustainable development. It also emphasises preservation of and sustainable utilisation of species and ecosystems which has direct bearing on our scientific advancements and support to millions of rural communities. The plan underscores rehabilitation of threatened wildlife species (5)___ coastal and marine ecosystems while conserving their habitats. SubQuestion No: 24 Q.24 Select the most appropriate option to fill in blank number 4. X 1. conflict Ans X 2. rejection X 3. focus 4. diversity Question ID: 630680164273 Option 1 ID: 630680636220 Option 2 ID: 630680636221 Option 3 ID: 630680636223 Option 4 ID: 630680636222

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The third National Wildlife Action Plan for 2017- 2031, underlying India's plan for wildlife conservation, was unveiled (1) the Global Wildlife Programme conference. The plan recognises (2) addresses concerns pertaining to climate changes and its impact on wildlife.

The plan details the importance of ecosystems for food production, health and other aspects of (3)_____ survival and sustainable development. It also emphasises preservation of genetic (4)____ and sustainable utilisation of species and ecosystems which has direct bearing on our scientific advancements and support to millions of rural communities.

The plan underscores rehabilitation of threatened wildlife species (5)____ inland aquatic, coastal and marine ecosystems while conserving their habitats.

SubQuestion No: 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans 💜 1. including

X 2. mixing

X 3. gathering

X 4. counting

Question ID : **630680164274** Option 1 ID : **630680636227**

Status: Answered

Option 2 ID : **630680636225** Option 3 ID : **630680636224** Option 4 ID : **630680636226**

Status : Answered