Multi Tasking Non Technical Staff and Havaldar CBIC and CBN Examination 2024

Exam Date	04/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaldar CBIC and CBN Examination 2024

Section: Numerical and Mathematical Ability

Q.1 The rate of nickel plating on a metal is ₹50 / m². If the cost of nickel plating on a curved surface area of a solid hemisphere is ₹600, find the cost of nickel coating on the total surface area of this hemisphere.

Ans 🥒 1

X 2. ₹800

X 3. ₹700

X 4. ₹1,000

Q.2 For what sum will the simple interest at $3\frac{3}{4}\%$ per annum be 210 in $2\frac{1}{3}$ years?

Ans

- **X** 1. ₹1,600
- X 2. ₹1,980
- **X** 3. ₹2,250
- **4**. ₹2,400
- Q.3 The ratio of the number of boys to that of girls in a school is 7 : 9. If the number of girls in the school is 189, then the number of boys in that school is:

Ans

- X 1. 105
- **2**. 147
- **X** 3. 168
- X 4. 126
- Q.4 The salary of T in January, February and March is ₹15,000 per month. His salary in July, August, September, October, November and December is ₹30,000 per month. His average salary per month for the year is ₹27,000. What is his salary (in ₹) in April, May and June per month?

Ans

- **1.** 33000
- X 2. 25000
- **X** 3. 31000
- X 4. 28000
- Q.5 A shopkeeper claims that he sells rock salt at ₹23 per kg, which costs him ₹25 per kg. But he gives 800 g instead of 1,000 g. What is his percentage profit or loss?

Ans

- X 1. Profit of 8%
- X 2. Loss of 3%
- X 3. Loss of 5%
- 4. Profit of 15%

Q.6	A person has to cover a distance of 8 km in 1 hour. If he covers one-fourth of the distance in one-third of the total time, then
	what should his speed (in km/h) be to cover the remaining distance in the remaining time so that the person reaches the
	destination exactly on time?

Ans

X 1.6

X 2.8

X 3. 7

4. 9

Q.7 Study the given table and answer the question that follows.

The following table gives the marks obtained by three students in four different subjects in an examination. The maximum marks in each subject is 100.

Student	Physics	Chemistry	Mathematics	Computer Science
A	98	95	99	86
В	88	100	95	84
C	90	93	100	90

What is the difference between the aggregate marks of A and C?

Ans

X 1.4

X 2.3

3. 5

X 4.2

Q.8 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 67 kg and 35 kg is:

Ans

X 1.48.4

2. 49.4

X 3. 51.4

X 4. 50.4

Q.9 The LCM of
$$x^3 - 27$$
, $x^2 - x - 6$, $x + 2$ is:

Ans

$$\times$$
 1. $(x-3)(x+2)(x^2-3x+9)$

$$\times$$
 2. $(x + 3)(x + 2)(x^2 - 3x + 9)$

$$\times$$
 3. $(x-3)(x+2)(x^2+3x-9)$

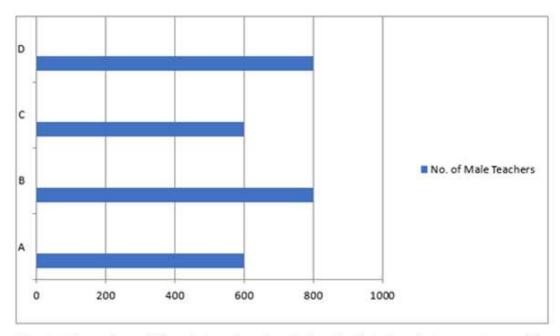
$$\checkmark$$
 4 $(x-3)(x+2)(x^2+3x+9)$

Q.10 The total number of teachers in 4 districts A, B, C and D of a state is 4500. The percentagewise distribution of teachers in the 4 districts is given by the following table.

District	Percentage of teachers
A	20%
В	25%
C	25%
D	30%

The number of males in each district is given by the following bar graph. X-axis denotes the number of male teachers in 4 districts, and Y-axis denotes the 4 districts. Study the graph carefully and answer the question that follows.

Male Teachers in 4 Districts



The total number of female teachers in all the districts is what percentage of the total number of male teachers in all the districts?

Ans

X 1. 67.10%

X 2. 61.71%

3. 60.71%

X 4. 50.71%

Q.11 How many seconds does Tiwari take to cover a distance of 600 m if he runs at a speed of 10 km/h?

Ans

X 1. 212

X 2. 205

3. 216

X 4. 200

Q.12 The perimeter of a rhombus is 68 cm and one of its diagonals is 30 cm. Its area is:

Ans

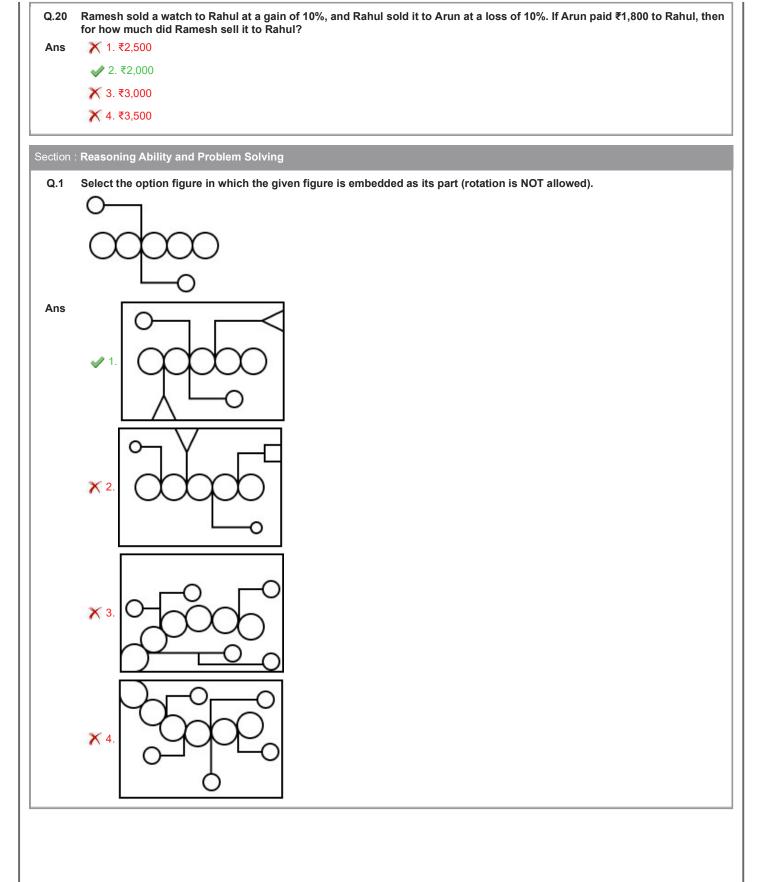
X 1. 250 cm²

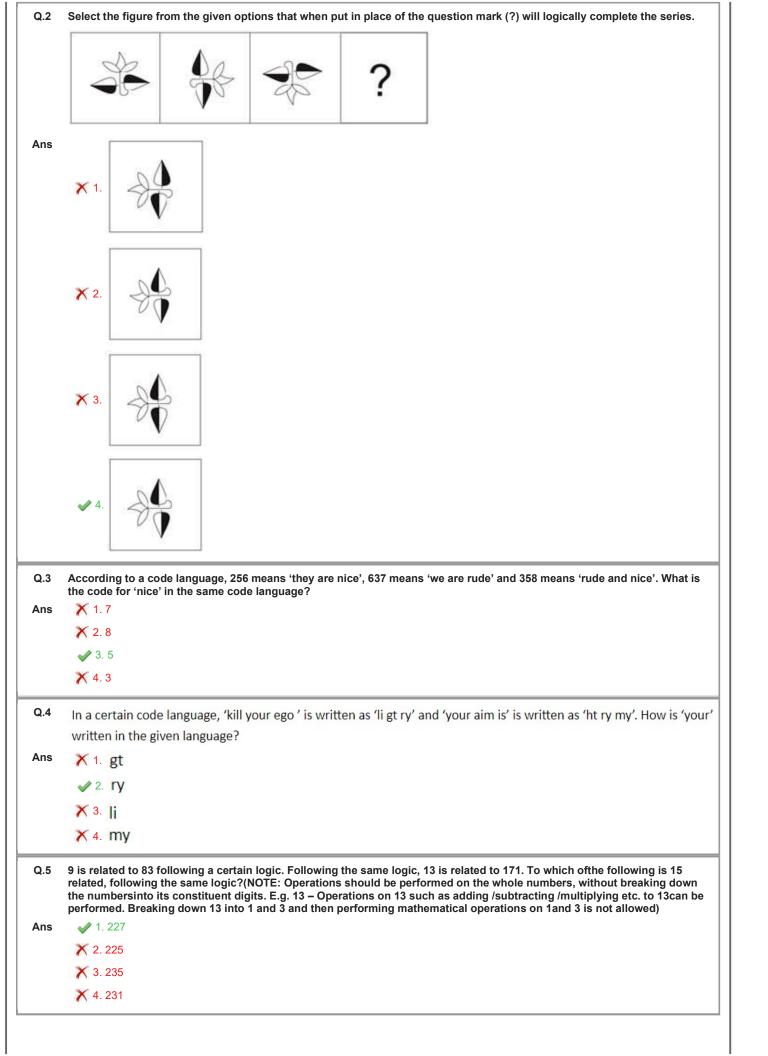
X 2. 230 cm²

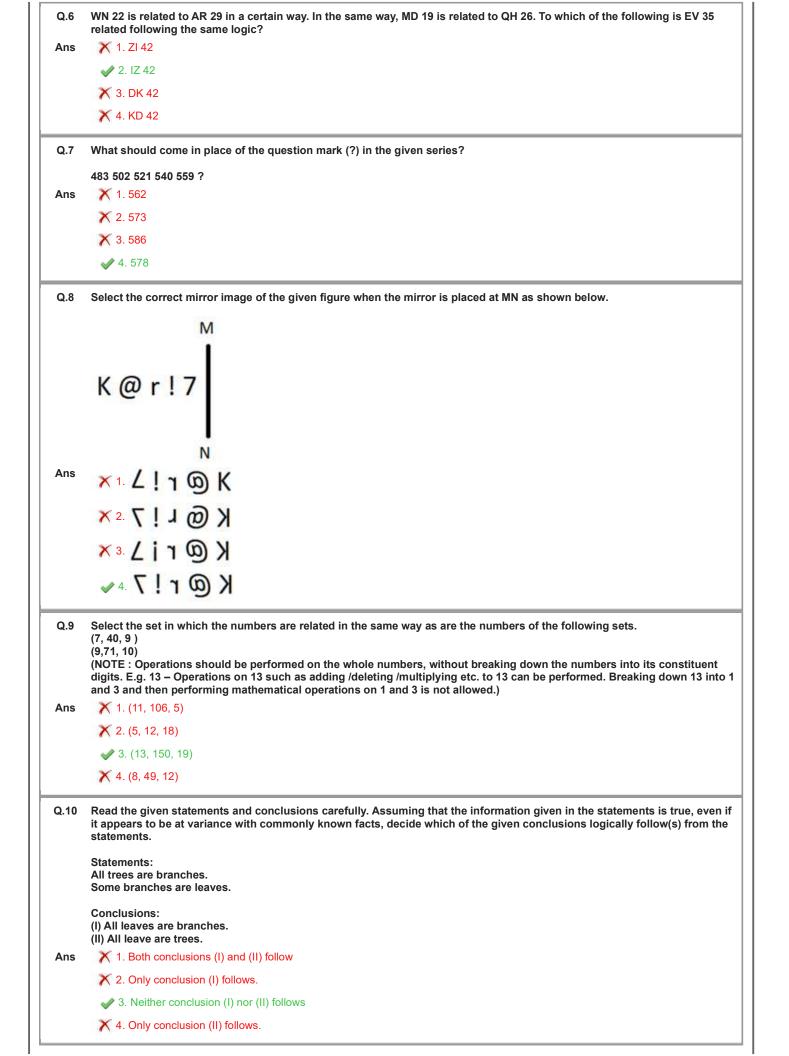
X 3. 245 cm²

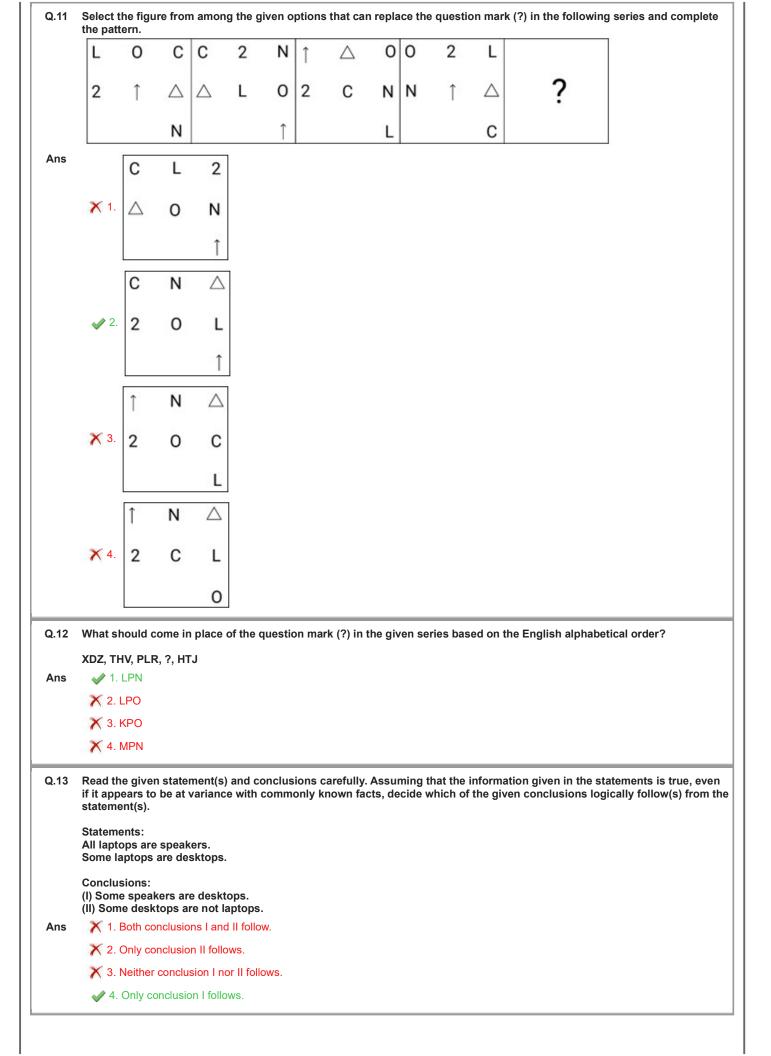
√ 4. 240 cm²

Q.13 Ans	The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 39 kg is: 1.52
Alls	✓ 2.50
	★ 3.49
	X 4. 51
	A
Q.14	A conical tent of height 8 m and radius 15 m is to be built in a tracking camp. How much area of cloth is needed?
Ans	\times 1. $136\pi m^2$
	$✓$ 2. 255π m^2
	\times 3. $120\pi m^2$
	\times 4. 155 π m^2
Q.15	Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 8% per year rate of interest for 4 years.
Ans	× 1.600
	✓ 2. 640
	★ 3. 680
	★ 4. 580
Q.16	Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 4 years.
Ans	✓ 1.700✓ 0.000
	★ 2. 660★ 3. 640
	X 4. 740
	A. 740
Q.17	Riya sold two packets of detergent at ₹96 each. On one packet she gains 20% and on the other, she loses 20%. The net gain or loss in the complete process is:
Ans	×1. Loss of ₹4
	× 2. Profit of ₹4
	× 4. Profit of ₹8
Q.18	The average of nine numbers is 6. When three new numbers are included, the average of the twelve numbers becomes 7.5. The average of three new numbers is:
Ans	★ 1.8
	◆ 2. 12
	★ 3. 12.5
	★ 4. 11.5
Q.19	A shopkeeper offered following four different discount schemes for buyers on an item. A. Two successive discounts of 8%.
	B. A discount of 11% followed by a discount of 5%. C. Successive discounts of 13% and 3%
	D. A discount of 16%.
Ans	Which discount scheme should be opted for getting the item at minimum price? ✓ 1. □
	★ 2. B
	★ 3. C
	★ 4. A









Q.14	KGNI is related to LHOJ in a certain way based on the English alphabetical order. In the same way, GCJE is related to HDKF. To which of the following is OKRM related, following the same logic?
Ans	X 1. PLNS
	✓ 2. PLSN
	X 3. LPSN
	X 4. LPNS
Q.15	order). T is sitting to the immediate right of E and to the immediate left of R. Only one person is sitting between E and C when counted from the left of E. Only one person is sitting between R and H when counted from the right of R. Who is sitting to the immediate left of C?
Ans	★ 1. A
	X 2. E
	★ 3. P
	√ 4. H
Q.16	In a certain code language, 'N E W S ' is coded as '2 @ 3 #' and 'D E W S' is coded as '4 @ 3 #". What is the code for 'D' in that language?
Ans	X 1.3
	X 2. 2
	※ 3. @
	৵ 4. 4
Q.17	In a certain code language, 'eat your food' is written as 'wb hs lg' and 'food is tasty' is writtenas 'sw lj hs'. How is 'food' writtenin the given language?
Ans	√ 1. hs
	X 2. lg
	※ 3. li
	★ 4. sw
Q.18	What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and ' \times ' and ' \div ' are interchanged? $56 - 14 \times 7 \div 22 + 63 = ?$
Ans	★ 1.35
	✓ 2. 37
	★ 3. 63
	★ 4. 13
Q.19	Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation. 12 * 3 * 4 = 6 * 8 * 8
Ans	X 1. ×, −, ×, +
	× 2. ×, +, −, ×
	✓ 3. ×, +, ×, −
	X 4. +, ×, −, +
Q.20	Seven people A, B, C, D, E, F and G are sitting around a circular table, facing away from the centre (but not necessarily in the same order). Exactly three people are sitting between E and B when counted from the right of E. C is sitting second to the left of B. A is sitting to the immediate right of D. E and F are not neighbours. How many people are sitting between C and A when counted from the right of C?
Ans	★ 1.4
	X 2. 2
	⋄ 3. 3

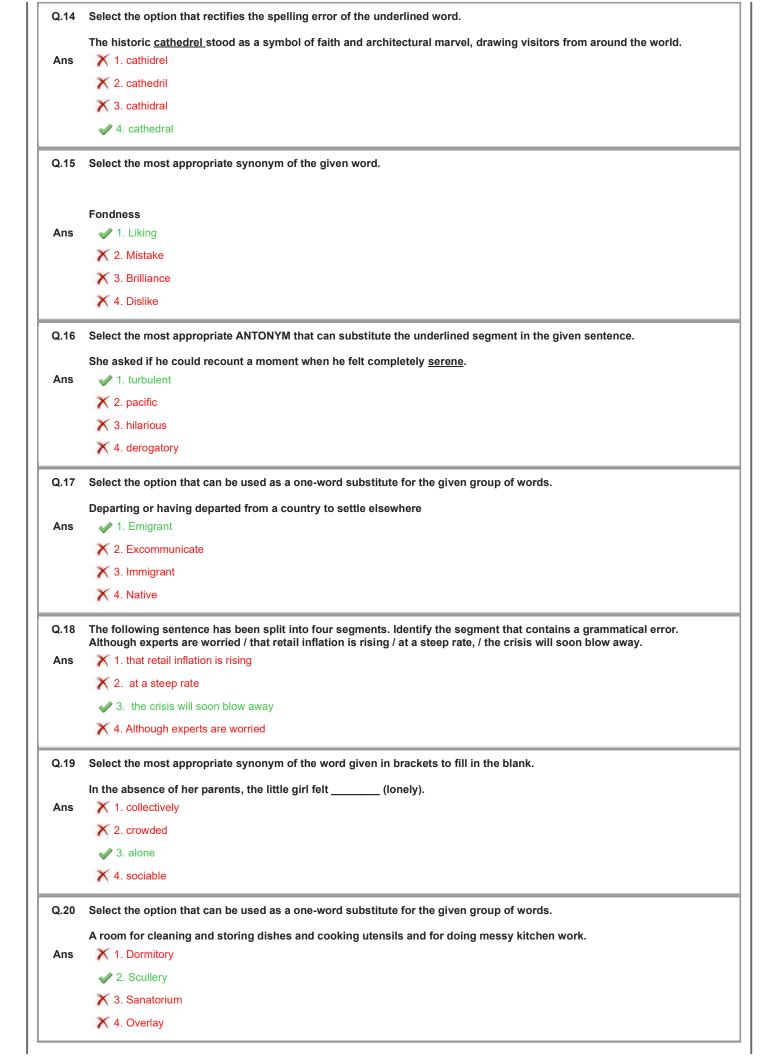
Section	: General Awareness
Q.1	The Republic Day parade is held every year at Kartavya Path, in which of the following cities?
Ans	✓ 1. New Delhi
	X 2. Dispur
	X 3. Jaipur
	X 4. Bangalore
Q.2	What is the term for the maximum population size that an environment can sustain indefinitely?
Ans	✓ 1. Carrying capacity
	X 2. Ecological niche
	X 3. Pioneer species
	X 4. Biotic potential
Q.3	According to Census 2011 of India, which Indian state has the highest urban population percentage?
Ans	X 1. Maharashtra
	× 2. Kerala
	X 3. Mizoram
	✓ 4. Goa
Q.4	In the Vedic period, education was begun with which of the following?
Ans	X 1. Grihastha
	× 2. Vanaprastha
	√ 3. Upanayana
	X 4. Niyoga
Q.5	In which neighbouring country of India is the Haa Summer Festival celebrated?
Ans	X 1. Afghanistan
	✓ 2. Bhutan
	X 3. Sri Lanka
	X 4. Maldives
Q.6	Who among the following is appointed as the chairman of the 16 th Finance Commission?
Ans	X 1. YV Reddy
	X 2. Dr Vijay Kelkar
	✓ 3. Arvind Panagariya
	X 4. NK Singh
Q.7	The memoir of which of the following actors is titled 'Unfinished'?
Ans	✓ 1. Priyanka Chopra
	X 2. Deepika Padukone
	X 3. Katrina Kaif
	X 4. Alia Bhatt
Q.8	On 16 February 2023, who was sworn in as the new Governor of Sikkim at Raj Bhawan, Gangtok?
Ans	X 1. Pawan Chamling
	X 2. Shriniwas Dadasaheb Patil
	✓ 3. Lakshman Prasad Acharya
	X 4. Ganga Prasad

Q.9	Which of the following Harappan cities was found without a citadel?
Ans	X 1. Kalibangan
	X 2. Banawali
	√ 3. Chanhudaro
	🗙 4. Lothal
	100 11 11 15 15 15 15 15 15 15 15 15 15 15
Q.10 Ans	What is the year of foundation of the Women's Indian Association (WIA)? 1. 1927
Alla	✓ 2. 1917
	× 3. 1907
	× 4. 1937
Q.11	Which of the following Acts was the first intervention by the British government in the East India Company's territorial affairs?
Ans	X 1. The Pitt's India Act, 1784
	X 2. The Charter Act of 1813
	√ 3. The Regulating Act, 1773
	X 4. The Charter Act of 1793
Q.12	In which of the following groups of States and Union Territories is 'slash and burn' agriculture known as 'Dipa'?
Ans	1. Rajasthan and Andaman & Nicobar Islands
	X 2. Chhattisgarh and Lakshadweep
	X 3. Odisha and Puducherry
	 ✓ 4. Chhattisgarh and Andaman & Nicobar Islands
	4. Officialisgani and Andaman & Nicobal Islands
Q.13	A person with a very low count of red blood cells is medically known to have
Ans	√ 1. Anaemia
	X 2. Jaundice
	X 3. Goitre
	X 4. Scurvy
Q.14	To which position in the Mughal administration under Akbar does Diwan-i-Ala refer?
Ans	√ 1. Finance Minister
	× 2. Court Writer
	X 3. Defence Minister
	X 4. Prime Minister
Q.15	With which Kathak gharana was Pandit Janki Prasad affiliated?
Ans	X 1. Jaipur
	X 2. Rajgarh
	X 3. Lucknow
	✓ 4. Benaras
	w 1. Donates
Q.16	Mukhya Mantri Sikho Kamao Yojana was launched by which of these state governments?
Ans	X 1. Uttar Pradesh
	X 2. Maharashtra
	√ 3. Madhya Pradesh
	X 4. Gujarat

Q.17	Sitara Devi was a classical dancer of India who used to perform
Ans	√ 1. Kathak
	× 2. Kathakali
	★ 3. Sattriya
	X 4. Odissi
Q.18	When did the Hockey wizard Major Dhyan Chand make his Olympic debut?
Ans	X 1. 1936, Berlin
	X 2. 1924, Paris
	X 4. 1932, Los Angeles
Q.19	Which dance guru of Kuchipudi dance got Padma Bhushan in 1998?
Ans	√ 1. Guru Vempati Chinna Satyam
	X 2. Sonal Mansingh
	X 3. Shobana Chandrakumar Pilai
	X 4. Guru Kelucharan Mohapatra
Q.20	The space-filling model emphasises the relative size of each atom based on its
Ans	X 1. covalent radius
	× 2. ionic radius
	X 3. fixed radius for all atoms
	√ 4. van der Waals radius
Q.21	Australia won the Men's T20 World Cup Cricket in 2021 defeating New Zealand by
Ans	X 1. 10 wickets
	X 2. 10 runs
	√ 3. 8 wickets ✓/ ✓/ ✓/ ✓/ ✓/ ✓/ ✓/ ✓/ ✓/ ✓
	X 4. 8 runs
Q.22	What is the primary objective of Microfinance Institutions (MFIs) in India?
Ans	X 1. To provide financial services to large corporations
	2. To offer financial assistance and services to low-income individuals and entrepreneurs
	X 3. To generate profits for shareholders
	X 4. To fund government projects
Q.23	'Doabs' are found in which physical feature of India?
Ans	X 1. The Peninsular Plateau
	X 2. The Himalayan Mountains
	√ 3. The Northern Plains
	X 4. The Coastal Plains
Q.24	The Indian Constitution originally consisted of how many Articles?
Ans	√ 1. 395
	× 2.595
	× 3. 345
	★ 4.495

large water body like river or ocean. This area of land is called: Ans	
 ✓ 3. Drainage Basin ✓ 4. Delta Section : English Language and Comprehension	
X 4. Delta Section : English Language and Comprehension	
Section : English Language and Comprehension	
Q.1 Select the most appropriate meaning of the given idiom.	
Catch someone's eye Ans	
X 2. To physically capture someone's gaze and hold it, making them unable to look away	
 ✓ 3. To attract someone's attention or to be noticed by them 	
X 4. To surprise someone with unexpected behaviour	
The surprise controller man anoxposited political	
Q.2 Select the INCORRECTLY spelt word.	
Ans X 1. Search	
× 2. Multiple	
X 3. Creative	
√ 4. Revaeled	
Q.3 Parts of the following sentence have been given as options. Select the option that contains an error.	
Much of the beauty and glory of life have disappeared.	
Ans X 1. Much of the	
× 2. beauty and glory	
X 3. of life	
√ 4. have disappeared. ———————————————————————————————————	
Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence. If the substitute it, select 'No substitution required'.	here is no need to
Mohit <u>have appreciated</u> Riya for her hard work.	
Ans X 1. had appreciating	
X 2. No substitution required	
X 3. have appreciates	
√ 4. has appreciated ———————————————————————————————————	
Q.5 Select the most appropriate adjective to fill in the blank.	
Among the three little cats, the first was and the second was smaller.	
Ans 1. small 2. more small	
X 3. most small	
X 3. most small X 4. most smallest Q.6 Rectify the sentence by selecting the correct spelling from the options.	
X 3. most small X 4. most smallest Q.6 Rectify the sentence by selecting the correct spelling from the options. While threatening the integrity of Universal values, the campaign to spread democracy will not suceed.	
X 3. most small X 4. most smallest Q.6 Rectify the sentence by selecting the correct spelling from the options. While threatening the integrity of Universal values, the campaign to spread democracy will not suceed. Ans X 1. Suucced	
X 3. most small X 4. most smallest Q.6 Rectify the sentence by selecting the correct spelling from the options. While threatening the integrity of Universal values, the campaign to spread democracy will not suceed.	

Q.7	Select the most appropriate ANOTNYM of the word 'zest' in the given sentence.
	The peppy and energetic music of the DJ was able to remove the passivity and dullness present in the party.
Ans	X 1. remove
	√ 2. dullness
	X 3. energetic
	★ 4. peppy
Q.8	Select the most appropriate ANTONYM of the highlighted word.
	Sonali uses a <u>soft</u> mattress to sleep.
Ans	X 1. flabby
	X 2. cushiony
	√ 3. hard
	X 4. spongy
Q.9	Select the most appropriate meaning of the given idiom.
	Baker's Dozen
Ans	X 1. Choosing quality over quantity
	✓ 2. One unit extra with one dozen
	X 3. A pile of bread
	X 4. When shopkeepers put something extra
Q.10	Select the most appropriate option to fill in the blank.
	Despite facing numerous challenges, the team successfully the project ahead of schedule.
Ans	X 1. had completed
	X 2. has been completed
	√ 3. completed
	X 4. will be completed
Q.11	Select the most appropriate option that can substitute the underlined segment in the given sentence.
	He is the <u>friendly</u> man in the group.
Ans	X 1. most friendly
	X 2. friendlier
	X 3. more friendly
	√ 4. friendliest
Q.12	Parts of the following sentence have been given as options. Select the option that contains an error. This is one of best movies I have ever seen.
Ans	✓ 1. one of best
	X 2. This is
	X 3. I have ever seen
	X 4. movies
Q.13	Select the most appropriate option to fill in the blank. Stories are how we make of our lives and of the world.
Ana	1. sensitivity
Ans	
	✓ 2. sense X 3. innate
	X 4. sagacious
	T. Sagaulous



Q.21 Ans	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 (1) life in Kashmir was drawing to its end after three (2) months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3) silence, a silence so heavy that I could (4) breathe. The hotel seemed to be far away and yet not far (5) SubQuestion No: 21 Select the most appropriate option to fill in blank number 1.= X 1. tonetic X 2. romantic X 3. biquadratic X 4. mucolytic
Q.22 Ans	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 (1) life in Kashmir was drawing to its end after three (2) months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3) silence, a silence so heavy that I could (4) breathe. The hotel seemed to be far away and yet not far (5) SubQuestion No: 22 Select the most appropriate option to fill in blank number 2.= X 1. anonymous X 2. analogous X 3. jealous 4. glorious
Q.23 Ans	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 (1) life in Kashmir was drawing to its end after three (2) months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3) silence, a silence so heavy that I could (4) breathe. The hotel seemed to be far away and yet not far (5) SubQuestion No: 23 Select the most appropriate option to fill in blank number 3.= X 1. direct 2. perfect 3. select 4. slack
Q.24 Ans	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 (1) life in Kashmir was drawing to its end after three (2) months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3) silence, a silence so heavy that I could (4) breathe. The hotel seemed to be far away and yet not far (5) SubQuestion No: 24 Select the most appropriate option to fill in blank number 4.= \$\psi\$ 1. hardly \$\times\$ 2. loudly \$\times\$ 3. gladly \$\times\$ 4. gradually

	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 (1) life in Kashmir was drawing to its end after three (2) months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3) silence, a silence so heavy that I could (4) breathe. The hotel seemed to be far away and yet not far (5)
	SubQuestion No : 25
Q.25	Select the most appropriate option to fill in blank number 5.=
Ans	X 1. thorough
	X 2. overweigh
	X 3. clough
	√ 4. enough