

Multi Tasking Non Technical Staff and Havaldar CBIC and CBN Examination 2024		
Exam Date	30/10/2024	
Exam Time	9:00 AM - 11:00 AM	
Subject	MTS Non Tech Havaldar CBIC and CBN Examination 2024	

Section : Nume	rical and Mathematical Ability
Q.1 The	cost of painting the surface of a large spherical ball at the rate of ₹2.40 per
cm-	is ₹9,240. What is the radius (in cm) of the ball? (Use $\pi = \frac{22}{7}$ .)
Ans 🗹	. 17.5
X 2	
	. 18.5
Χ.	. 16.5
Q.2 The a	verage of the first twelve multiples of 11 is:
	1. 71.5
	. 70.5
	. 69.5
× 4	. 68.5
	lling an article fo <mark>r ₹19.5, a dealer makes a</mark> pro <mark>fit</mark> of 10%. By how much should <mark>he</mark> increase his selling price (in ₹, ed off to two decimal place) so as to make a profit of 30%?
	. 6.55
🖌 🗸	2. 3.55
<b>X</b> :	. 5.55
× 4	. 4.55
Q.4 The H	CF of 21 and 49 is:
Ans 🗹	. 7
<b>X</b> 2	
<b>X</b> :	
Χ 4	. 2
Q.5 Wh	at is the curved surface area of a right circular cylinder of height 21 cm and radius 3 cm (use $\pi = \frac{22}{7}$ )?
	396 cm <sup>2</sup>
<b>X</b> 2	$540 \text{ cm}^2$
<b>X</b> (	486 cm <sup>2</sup>
Χ.	$546 \mathrm{cm}^2$

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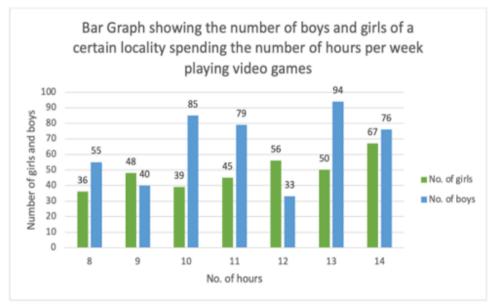
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Q.6	S gets 78, 75, 68, 64 and 58 marks in Hindi, English, Chemistry, Physics and Mathematics, respectively. What are his average marks per subject?
Ans	✓ 1. 68.6
	2. 68.8
	X 3. 66.6
	<b>X</b> 4. 66.8
Q.7	What will be the average of all the odd numbers from 11 to 71 (both inclusive)?
Ans	✓ 1. 41
	X 2.47
	X 3. 39
	X 4. 31
Q.8	Gagandeep marks his goods 50% above the cost price and offers a discount of 25% on the marked price to his customers. What is the percentage gain of Gagandeep?
Ans	X 1. 12.0%
	X 2. 13.5%
	✓ 3. 12.5%
	<b>X</b> 4. 13.0%
Q.9	A person spends 75% of his income. If his income increases by 15% and expenditure decreases by 10%, then what percentage increase will occur in his savings?
Ans	X 1.47.5%
	X 2. 67.5%
	× 3. 22.5%
	✓ 4. 90%
Q.10	The difference between the selling prices with 19% profit and 11% loss is Rs.454.50. What is the cost price of the item?
Ans	🗙 1. Rs.1,505
	X 2. Rs.1,520
	✓ 3. Rs.1,515
	X 4. Rs.1,525



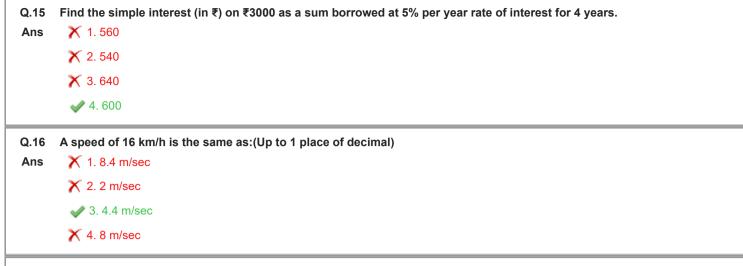
Q.11 The bar graph below shows the number of boys and girls of a certain locality and the number of hours per week that they spend on playing video games.



The number of boys spending more than 10 hours per week on playing video games is what percentage (rounded off to the nearest integer) more/less than the number of girls spending less than 13 hours per week on playing video games?

```
Ans
        🗙 1. 26% less
        🗙 2. 34% more
        3. 26% more
        🗙 4. 34% less
      In a group of 200 members, 45% are teenagers and the remaining are adults. The average weight of the whole group is 62
Q.12
      kg. If the average weight of teenagers is 56 kg, then the nearest integral value of the average weight of adults is
Ans
        🕜 1. 67 kg
        🗙 2. 84 kg
        🗙 3. 65 kg
        🗙 4. 79 kg
Q.13
      The diameter of a hollow hemisphere is 40 cm. Water is filled in it up to its brim. When spherical lead shots each of diameter
      0.8 cm are dropped into the hemisphere, three-fifths of the water flows out. How many lead shots were dropped into the
      hemisphere?
        🗙 1. 30500
Ans
        🗙 2. 35700
        🗙 3. 35500
        4. 37500
Q.14
      A cooperative society increases the annual rate of simple interest from 10% to 16<sup>1</sup>/<sub>2</sub>
      %, then the yearly income of a person increases by ₹1,077.70. The simple interest
      (in₹) on the sum at 10% for four years will be:
        X 1. 8,240
Ans
        X 2. 16.580
        3. 6,632
        X 4. 9,120.3
```





Q.17 The following table shows the percentage population of 4 states below poverty line, and the proportion of male and female.

State	Percentage of population below poverty line	Proportion of fem	
		Below poverty line	Above poverty line
		Male : Female	Male : Female
А	36	1:4	5:7
В	21	5:3	7:11
С	10	2:7	5:9
D	28	3:9	1:5

If the total population of state D is 85,400, then what is the number of females above poverty line in state D?

**Ans v** 1. 51,240

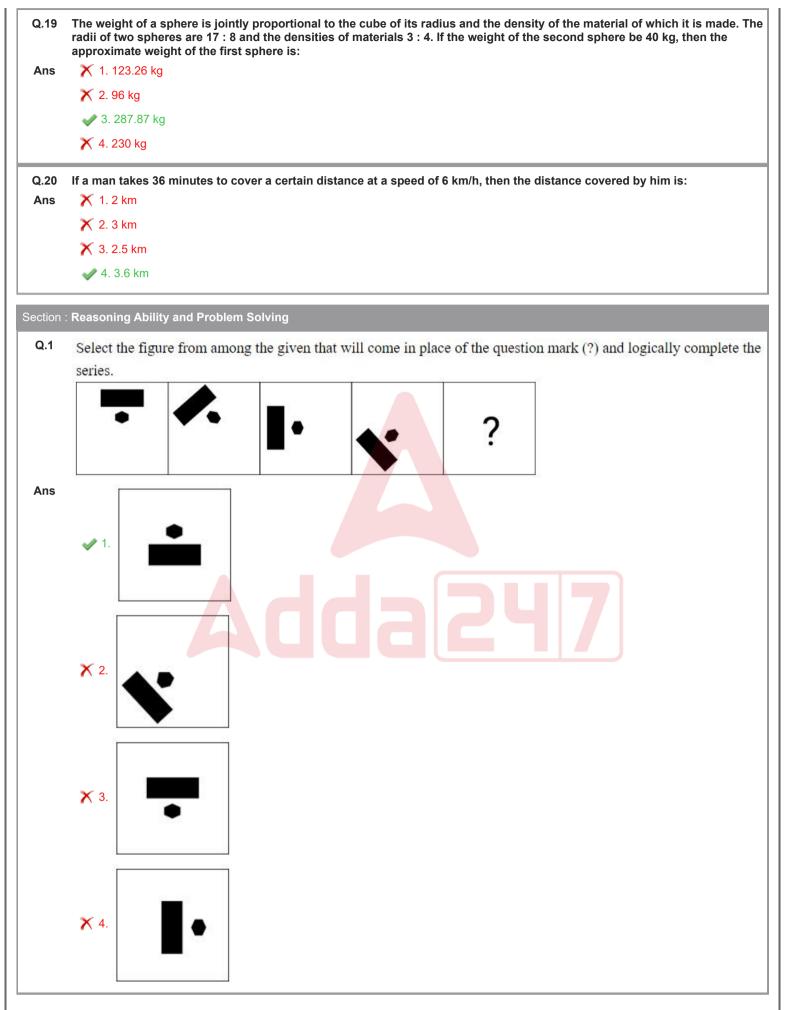
🗙 2. 41,360

- 🗙 3. 45,230
- **X** 4. 48,250

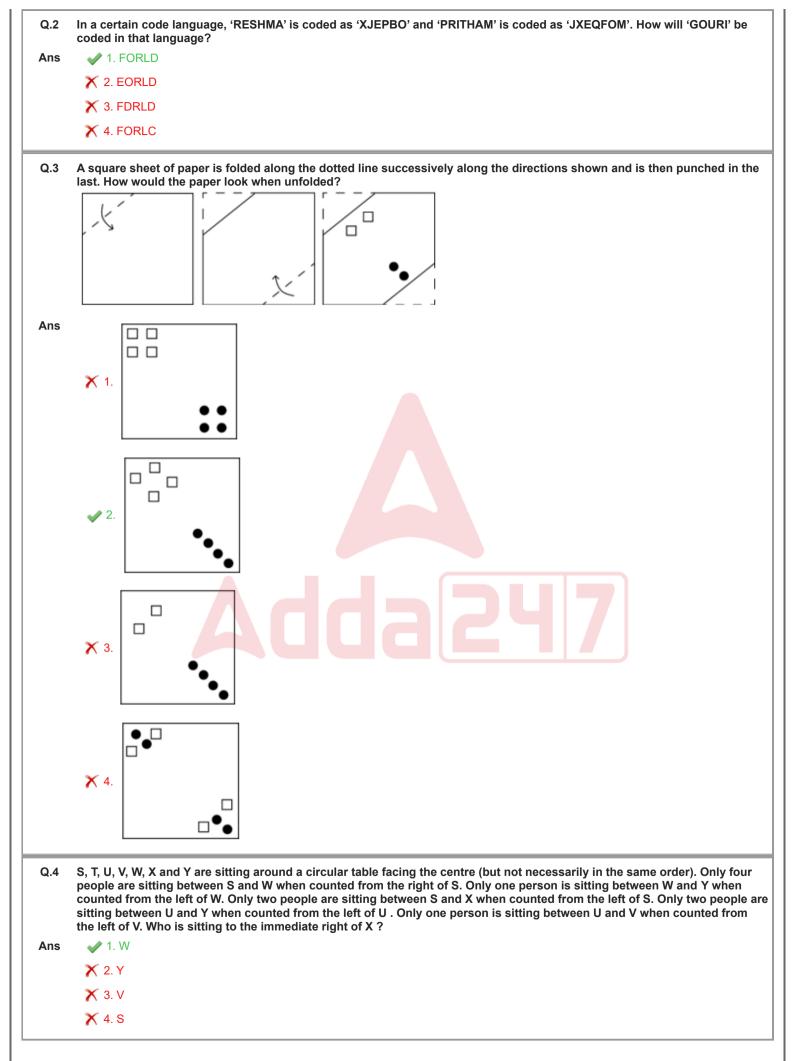
Q.18 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 4 years.
 Ans X 1.460

- **v** 2. 500
- 🗙 3. 440
- **X** 4. 540





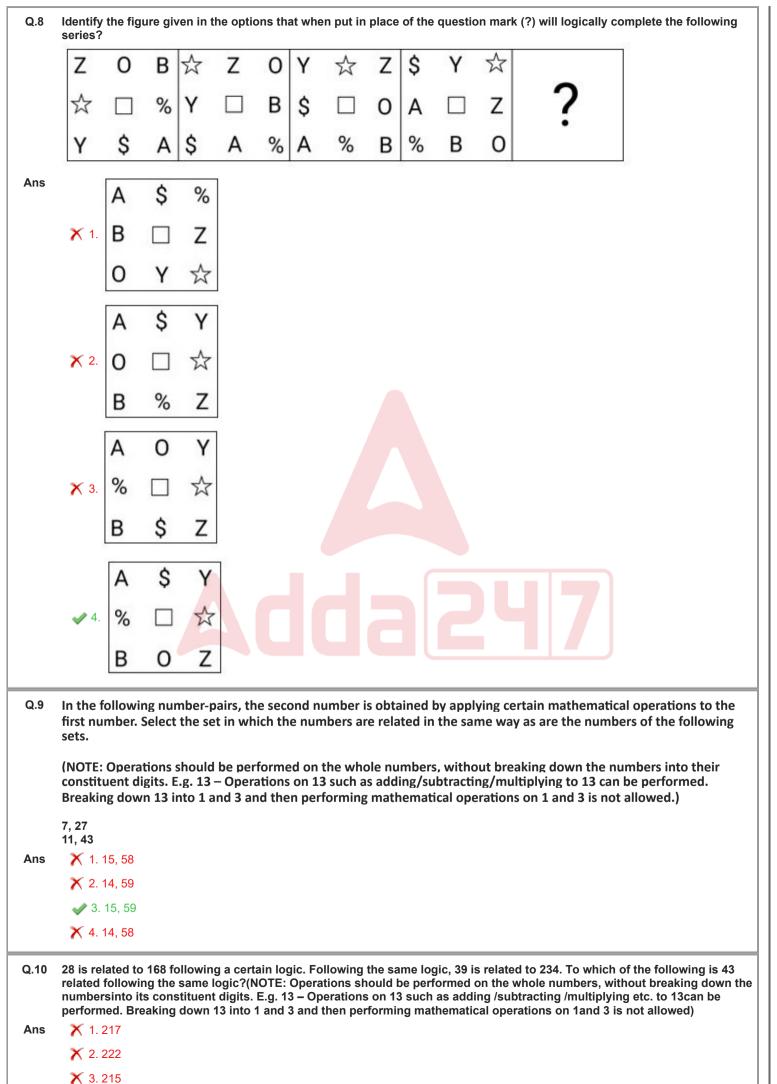






Q.5	In a certain code language, 'FRONT' is coded as '21593' and 'OFTEN' is coded as '52739'. What is the code for 'E' in the
<b>A</b> no	given code language?
Ans	X 1. 5
	✓ 2. 7
	X 3. 2
	X 4. 1
Q.6	In a certain code language, 'LIME' is coded as '4826' and 'FOLD' is coded as '9378'. What is the code for 'L' in that language?
Ans	1.8
	× 2.2
	× 3.4
	<b>X</b> 4.7
Q.7	What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?
	12 ÷ 13 + 128 – 343 × 49 = ?
Ans	✓ 1.35
	X 2.54
	X 3. 53
	<b>X</b> 4. 45







Q.11	NUQM is related to PWSO in a certain way based on the English alphabetical order. In the same way, JQMI is related to
SQ.11	LSOK. To which of the following is FMIE related, following the same logic?
Ans	V 1. HOKG
	X 2. HOGK
	X 3. OHGK
	X 4. OHKG
Q.12	Read the given statement(s) 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 statement(s).
	Statements: All birds are parrot. All parrots are green.
	Conclusions:
	(I) All birds are green.
	(II) No birds is green.
Ans	🗙 1. Only Conclusion (II) follows.
	🗙 2. Neither conclusion (I) nor (II) follows.
	🗙 3. Both conclusion (I) and (II) follow.
	✓ 4. Only Conclusion (I) follows.
Q.13	What should come in place of the question mark (?) in the given series based on the English alphabetical order?
	NRT, JNP, FJL, BFH, ?
Ans	🗙 1. XZS
	🗙 2. XAD
	X 3. XDF
	✓ 4. XBD
Q.14	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. Statements: Some rhinos are birds. All penguins are birds. Conclusions: (I): Some rhinos are penguins. (II): All birds are penguins.
Ans	X 1. Only conclusion (I) follows.
	X 2. Both conclusions (I) and (II) follow.
	X 3. Only conclusion (II) follows.
	✓ 4. Neither conclusion (I) nor (II) follows.
Q.15	What should come in place of the question mark (?) in the following series?
_	-553, -532, -511, -490, -469, ?
Ans	× 1.448
	× 2.458
	× 3458
	✓ 4448
Q.16	What will come in the place of '?' in the following equation, if '+' and ' $\div$ ' are interchanged and '×' and '-' are interchanged? 24 + 3 $\div$ 8 × 2 – 6 =?
Ans	<b>X</b> 1.−6
	★ 2.6
	✓ 3. 4
	<b>X</b> 4. 18.75



Q.17	FLLC is related to HNNE in a certain way based on the English alphabetical order. In the same way, AFFW is related to CHHY.
<b>A</b> mo	To which of the following is PVVM related, following the same logic?
Ans	<ul> <li>1. RXXO</li> <li>2. ROXX</li> </ul>
	X 3. XXOR
	X 4. XXRO
Q.18	U, V, W, X, Y, Z and A are sitting around a circular table facing the centre (but not necessarily in the same order). X sits third to the left of Y. W sits second to the left of V. Only Y sits between A and W. U is not an immediate neighbour of X. Who sits fourth to the right of Z?
Ans	✓ 1. U
	X 2. A
	🗙 3. W
	X 4. Y
Q.19	Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.
	M
	5 t u m 4 8
	N
Ans	5 t u m 8 4 # X
	Stum 48 × × × × × × × × × × × × × × × × × ×
	5 t n w 4 8 « x
	5 t u m 4 8 <sup>4</sup> V
Q.20	In a certain code language, 'PRIZE' is coded as '59764' and 'CAKE' is coded as '1423'. How is 'E' coded in the given language?
Ans	X 1. 5
	X 2. 9
	✓ 3. 4
	<b>X</b> 4. 7
Section	: General Awareness
Q.1	What do you call the body cavity that is lined by mesoderm?
Ans	X 1. Diploblasts

- 🛹 2. Coelom
- 🗙 3. Radial symmetry
- 🗙 4. Triploblasts



Q.2	On 19 July 2023, who was appointed as the 25 <sup>th</sup> Director General of the Indian Coast Guard?
Ans	<ul> <li>X 1. VK Singh</li> <li>X 2. K Natarajan</li> </ul>
	X 3. BS Raju
	<ul> <li>✓ 4. Rakesh Pal</li> </ul>
Q.3	What is the role of a commercial bank in the economy?
Ans	1. To provide financial services, such as accepting deposits, lending money and facilitating payments
	X 2. To print and issue currency
	X 3. To set interest rates for the entire banking system
	X 4. To regulate the money supply
Q.4	The Huttari dance, observed as an annual tradition, is a leisurely performance that takes place during the harvesting season in
Ans	X 1. Telangana
	✔ 2. Karnataka
	🗙 3. Andhra Pradesh
	🗙 4. Odisha
0.5	Which Kushinudi demonstrated National Nation Chine and August 20002
Q.5 Ans	Which Kuchipudi dancer received National Nritya Shiromani Award 2022?
	X 2. Anita Sharma
	✓ 3. Aparna Satheesan
	X 4. Anindita Neogy Anaam
Q.6 Ans	Match the following parties with their reserved symbols and choose the INCORRECT one among the following:
Alla	<ul> <li>2. All India Trinamool Congress – Sickle</li> </ul>
	X 3. National People's Party – Book
	X 4. Nationalist Congress party – Clock
Q.7	With which of the following organisations was Henry Louis Vivian Derozio, a teacher of Hindu College of Calcutta, associated?
Ans	🗙 1. Rahnumai Mazdayasnan Sabha
	✓ 2. Young Bengal Movement
	🗙 3. Paramahansa Mandali
	🗙 4. Sree Narayana Dharma Paripalana Yogam
Q.8	Gangubai Hangal, a renowned Indian music personality, is recognised for her contributions in which of the following fields?
Ans	X 1. Ghazal Singing
	X 2. Sufi Music
	🗙 3. Rabindra Sangeet
	4. Hindustani Classical Music
Q.9	Large tidal waves caused by an underwater earthquake or volcanic eruption are known as a
Ans	✓ 1. tsunami
	X 2. hurricane
	🗙 3. typhoon
	<ul> <li>✗ 3. typhoon</li> <li>✗ 4. tornado</li> </ul>



Q.10	The God of Small Things is a novel authored by whom among the following authors?
Ans	X 1. Rohinton Mistry
	🗙 2. Shashi Tharoor
	🗙 3. Fakira
	4. Arundhati Roy
Q.11	Most of the Harappan sites are primarily divided into parts.
Ans	X 1. four
	2. two
	X 3. eight
	X 4. six
Q.12	As per the 2011 census, which of the following union territories had the lowest population?
Ans	1. Lakshadweep
	X 2. Chandigarh
	X 3. Puducherry
	X 4. Andaman and Nicobar Islands
Q.13	In basketball, how many points are awarded when a basket is scored from outside the 6.25-metre line?
Ans	X 1. Six points
	<ul> <li>✓ 2. Three points</li> <li>✓ 0. The second seco</li></ul>
	X 3. Two points
	X 4. Five points
Q.14	In which of the following empires of South India was the Kamalapuram tank built in the 15 <sup>th</sup> century?
Ans	X 1. Bidar
	2. Vijayanagara
	X 3. Chola
	X 4. Bijapur
Q.15	If labour is employed in a job but is not actually utilised for the production of goods and services, it is known as:
Ans	1. disguised unemployment
	X 2. educated unemployment
	X 3. urban unemployment
	X 4. seasonal unemployment
Q.16	Which of the following National Waterways (NW) is associated with the Udyogamandal and the Champakkara canals?
Ans	X 1. NW-25
	X 2. NW-10
	X 3. NW-5
	✓ 4. NW-3
Q.17	In May 2023, who was sworn in as the new Central Vigilance Commissioner of India?
Ans	1. PK Srivastava
	X 2. GC Murmu
	X 3. Suresh N Patel
	X 4. Amit Khare



Ans	🛹 1. Chauri Chaura
	🗙 2. Kakori
	🗙 3. Dhaka
	🗙 4. Dandi
B C D	Meher had two large chunks of coal. She set fire to the first chunk and broke the second one into pieces. Help Meher understand what kind of changes happened to the two chunks of coal at the end of the activity by choosing all the applicable statements. . Both chunks of coal underwent physical changes only. . The changes were reversible for the first chunk of coal only. . Only physical changes took place for the second chunk of coal. . Both chunks of coal underwent chemical changes only. . The first case is an example of chemical changes.
Ans	X 1. Only A and B
	🗙 2. Only D
	🗙 3. Only B and D
	✓ 4. Only C and E
Q.20	What is the study of the interactions between living organisms and their environment called?
Ans	X 1. Geology
	2. Ecology
	X 3. Chemistry
	X 4. Biology
Q.21	Scissor style and Western Roll are the techniques used in:
Ans	X 1. long jump
	<ul> <li>2. high jump</li> </ul>
	<ul> <li>X 3. pole vault</li> <li>X 4. triple jump</li> </ul>
Q.22	Which of the following is NOT considered as a Fundamental Duty?
Ans	X 1. To uphold and protect the sovereignty, unity and integrity of India
	$ig \chi$ 2. To develop the scientific temper, humanism and the spirit of inquiry and reform
	imes 3. To value and preserve the rich heritage of our composite culture
	✓ 4. To uphold and protect secularism
Q.23	Which of the following rivers flows north of the Tropic of Cancer in India?
Ans	V 1. Yamuna
	X 2. Tapi
	X 3. Mahanadi
	X 4. Penganga
Q.24	In which of the following states is the Mamallapuram Utsav celebrated?
Ans	X 1. Uttarakhand
	🗙 2. Kerala
	🛹 3. Tamil Nadu



Q.25	With reference to provinces under Mauryan dynasty, which of the following pairs is correct?
Ans	🗙 1. Uttarapatha (North) - Suvarnagiri
	🗙 2. Dakshinapatha (South) - Ujjain
	🗙 3. Avantiratha (West) - Taxila
	✔ 4. Prachyapatha (East) - Toshali
Section	: English Language and Comprehension
Q.1	Select the most appropriate idiom to replace the underlined segment in the given sentence.
	We were asked to vote for the candidates by <u>raising our hands to indicate voting for or against a proposition</u> .
Ans	X 1. changing hands
	🗙 2. getting out of hand
	✓ 3. a show of hands
	X 4. tipping our hands
Q.2	Select the most appropriate meaning of the underlined word in the given sentence.
Ans	The military operation was part of a <u>conspiracy</u> against national security.
	× 2. Motivation
	✓ 3. Plot
	X 4. willfulness
Q.3	Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
	Manisha <u>set apart</u> with her friends to explore the countryside.
Ans	X 1. set aside
	X 2. set in
	✓ 3. set out
	X 4. No substitution required
Q.4	Select the INCORRECTLY spelt word.
Ans	X 1. Exaggeration
	X 2. Sacrilege
	3. Assesment
	X 4. Committee
Q.5	Select the most appropriate meaning of the underlined word in the given sentence.
	l <u>agreed</u> with your assessment.
Ans	X 1. Disagreed
	X 2. Rejected
	<ul> <li>✓ 3. Supported</li> <li>✓ 4. Deviated</li> </ul>
	X 4. Doubted
Q.6	select the most appropriate idiom/phrase to fill in the blank and complete the sentence.
	It was all He did not really mean what he said.
Ans	1. tongue in cheek
	X 2. a storm in a tea cup
	🗙 3. tuck in



Q.7	Identify the preposition that needs to be omitted to correct the sentence.
	They live near to the park.
Ans	✓ 1. to
	X 2. They
	X 3. live
	X 4. near
Q.8	Select the option that correctly rectifies the underlined spelling error in the given sentence.
	In the first half century after U.S. independence, a major <u>preportion</u> of the nation's labour force shifted from the agricultural to the manufacturing sector.
Ans	X 1. priposon
	X 2. preposion
	X 3. prepotion
	✓ 4. proportion
Q.9	Select the most appropriate option to fill in the blank.
	The model who can be selected for this advertisement is Meera Narayan.
Ans	X 1. more better
	✓ 2. best
	X 3. most best
	X 4. most good
Q.10	Select the sentence that has a grammatical error.
Ans	✗ 1. She always comes down with a cold in winter.
	X 2. He came across an interesting article while researching.
	X 3. The company came up with a brilliant marketing strategy.
	✓ 4. We came in the meeting room quietly.
Q.11	Select the most appropriate meaning of the underlined word in the context of the following sentence.
	We should go to the Himalayas this <u>spring</u> .
Ans	X 1. To jump
	X 2. Coiled metal
	<ul> <li>✓ 3. A season</li> </ul>
	X 4. A water body
Q.12	Select the option with the correctly spelt word to fill in the blank.
	The delta of river looks like a bird's foot because a lot of sediment is carried into the calm sea water.
Ans	X 1. Missisippi
	X 2. Mississipi
	✓ 3. Mississippi
	X 4. Mississipppi
Q.13	Select the option that can be used as a one-word substitute for the given group of words.
	The irrational fear of snakes
Ans	X 1. Necrophobia
	🗙 2. Xenophobia
	🗙 3. Nomophobia
	4. Ophidiophobia



Q.14	Select the most appropriate ANTONYM of the given word.
-	Ally
Ans	X 1. Gloomy
	X 2. Infamy
	✓ 3. Enemy
	X 4. Dreamy
Q.15	The given sentence is divided into four segments. Select the segment with the grammatical error. I was surprised / to see my / daughter, Manya, riding her / new bicycle confident.
Ans	🗙 1. daughter, Manya, riding her
	X 2. I was surprised
	✓ 3. new bicycle confident
	X 4. to see my
Q.16	Select the most appropriate option to fill in the blank. How long have you been these contact lenses?
Ans	X 1. swimming
	X 2. prevailing
	X 3. seeing
	✓ 4. wearing
Q.17	Select the grammatically correct sentence from the given options.
Ans	1. The responsibility was given to each student to keep quiet during the seminar.
	🗙 2. The responsibility was given to each student to keep quieter during the seminar.
	X 3. The responsibility is given to each student to keep quieter during the seminar.
	X 4. The responsibility was give to each student to keep quieter during the seminar.
Q.18	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks. Cuba is known as the sugar bowl of the world. It is part of the Caribbean This country a
Ans	In the decade of 1960s.
Alla	X 2. sector; created
	<ul> <li>✓ 3. region; produced</li> </ul>
	X 4. area; cropped
Q.19	Select the most appropriate synonym of the underlined word. Ritu is a <u>diligent</u> girl who looks after her aged parents.
Ans	🗙 1. stupid
	X 2. lethargic
	✓ 3. hardworking
	X 4. innocent
Q.20	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
	Despite the challenges, / the team is determined to / completed / the project on time and within budget.
Ans	✗ 1. Despite the challenges
	X 2. the team is determined to
	lpha 3. the project on time and within budget
	✓ 4. completed



#### 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.

A weed is an untamed plant that (1)\_\_\_\_\_ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)\_\_\_\_\_. While some are toxic to horses and cattle, others harm mature crops by (3)\_\_\_\_\_ them of water, sunlight, soil and minerals. There are various ways that weeds (4)\_\_\_\_\_. They are (5)\_\_\_\_\_ transported from one location to another as trash, dust or fodder.

#### SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans X 1. perfects
  - X 2. evolves
  - 🗙 3. amends
  - 4. spreads

#### 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.

A weed is an untamed plant that (1)\_\_\_\_\_ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)\_\_\_\_\_. While some are toxic to horses and cattle, others harm mature crops by (3)\_\_\_\_\_\_them of water, sunlight, soil and minerals. There are various ways that weeds (4)\_\_\_\_\_. They are (5)\_\_\_\_\_ transported from one location to another as trash, dust or fodder.

#### SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans X 1. delicates
  - 2. dangerous
  - X 3. grace
  - X 4. vices

#### 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.

A weed is an untamed plant that (1)\_\_\_\_\_ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)\_\_\_\_\_. While some are toxic to horses and cattle, others harm mature crops by (3)\_\_\_\_\_ them of water, sunlight, soil and minerals. There are various ways that weeds (4)\_\_\_\_\_. They are (5)\_\_\_\_\_ transported from one location to another as trash, dust or fodder.

#### SubQuestion No : 23

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

- Ans X 1. relieving
  - X 2. spoiling
  - 🗙 3. digesting
  - 4. depriving

#### 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.

A weed is an untamed plant that (1)\_\_\_\_\_ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)\_\_\_\_\_. While some are toxic to horses and cattle, others harm mature crops by (3)\_\_\_\_\_ them of water, sunlight, soil and minerals. There are various ways that weeds (4)\_\_\_\_\_. They are (5)\_\_\_\_\_ transported from one location to another as trash, dust or fodder.

#### SubQuestion No : 24

#### Q.24 Select the most appropriate option to fill in blank number 4.

- Ans 💦 🗙 1. entertain
  - X 2. extension
  - 🗙 3. breach
  - 🖋 4. propagate



#### 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.

A weed is an untamed plant that (1)\_\_\_\_\_ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)\_\_\_\_\_. While some are toxic to horses and cattle, others harm mature crops by (3)\_\_\_\_\_ them of water, sunlight, soil and minerals. There are various ways that weeds (4)\_\_\_\_\_. They are (5)\_\_\_\_\_ transported from one location to another as trash, dust or fodder.

#### SubQuestion No : 25

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

- Ans X 1. every
  - X 2. consequence
  - 🛷 3. frequently
  - 🗙 4. rare

