

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

Exam Date	28/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 4 years.

Ans A). 920

B). 1000

C). 960

D). 900

Correct Answer: C

Q.2 A shopkeeper sold the Refrigerator and the Geyser set together for ₹30,400, thereby making a profit of 25% on the Refrigerator and 10% on the Geyser. By selling them together for ₹30,700, he would have made a 10% profit on the Refrigerator and 25% on the Geyser. Now, if the Geyser is sold at 17% profit, then the selling price (in ₹) of the Geyser is:

Ans A). 14,380

B). 12,130

C). 16,380

D). 17,510

Correct Answer: C

Q.3 If 30% of $P = 0.6$ of $Q = \frac{1}{3}$ of R , then $P : Q : R$ is:

Ans A). 10 : 5 : 9

B). 10 : 5 : 7

C). 5 : 10 : 9

D). 5 : 10 : 7

Correct Answer: A

Q.4 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 37 kg is:

Ans A). 51.6

B). 50.6

C). 52.6

D). 49.6

Correct Answer: B

Q.5 A 735 m long train passes through a 225 m long tunnel in 48 sec. Find the speed of the train.

Ans A). 54 km/h

B). 66 km/h

C). 72 km/h

D). 82 km/h

Correct Answer: C

Q.6 A hemispherical solid of radius 21 cm is melted and made into a cylinder whose height is 14 cm. The volume of the cylinder is given by $(a \times b^a \times c^b)\pi$ where a, b and c are prime. Then the value of $(a+b)c$ is:

Ans A). 66

B). 42

C). 54

D). 35

Correct Answer: D

Q.7 The ratio of the I class and II class AC train coach fares between two stations is 5 : 3, and that of the number of passengers travelling between the two stations by I class and II classes AC coach is 3 : 10. If on a particular day ₹37,080 is collected from passengers travelling between the two stations, then find the amount collected from second class AC coach passengers.

Ans A). ₹24,720

B). ₹27,420

C). ₹20,247

D). ₹22,047

Correct Answer: A

Q.8 Find the ratio in which tomatoes worth ₹45/kg can be mixed with tomatoes worth ₹60/kg, so that the mixture will be worth ₹54/kg.

Ans A). 3 : 7

B). 3 : 5

C). 2 : 3

D). 2 : 5

Correct Answer: C

Q.9 A batsman scores 152 runs in his 15th inning, which increases his average score by 5 runs. Find the average score per inning of the batsman after the 15th innings.

Ans A). 85

B). 41

C). 77

D). 82

Correct Answer: D

Q.10 A shopkeeper offers 38% discount on a certain item. He announces an additional 15% discount to a customer for paying cash. A customer paid a cash amount of ₹2,108 for that item. What is the marked price (in ₹) of the item?

Ans A). 3,560

B). 3,800

C). 4,200

D). 4,000

Correct Answer: D

Q.11 In what ratio must a shopkeeper mix sugar at ₹30/kg and ₹32.5/kg so that by selling the mixture at ₹34.1/kg, he may get 10% profit?

Ans A). 3 : 2

B). 5 : 4

C). 4 : 3

D). 2 : 1

Correct Answer: A

Q.12 The following table shows the marks obtained by five students in five different subjects. Study the table carefully and answer the question that follows.

The maximum marks in each subject = 100.

Subject/Student	A	B	C	D	E
Jacob	56	44	40	33	35
Arjun	90	94	62	86	74
Ashwin	66	72	64	84	92
Rashad	78	42	66	48	76
Neha	58	54	48	72	88

What is the difference between the total marks obtained by Ashwin in all subjects together and that of the total marks obtained by Neha in all subjects together?

Ans A). 78

B). 52

C). 58

D). 62

Correct Answer: C

Q.13 A well with an internal diameter of 8 m is dug to a depth of 12 m. The earth taken out of it is spread all around the well to a width of 8 m to form an embankment. What is the height (in m) of the embankment?

Ans A). 1.0

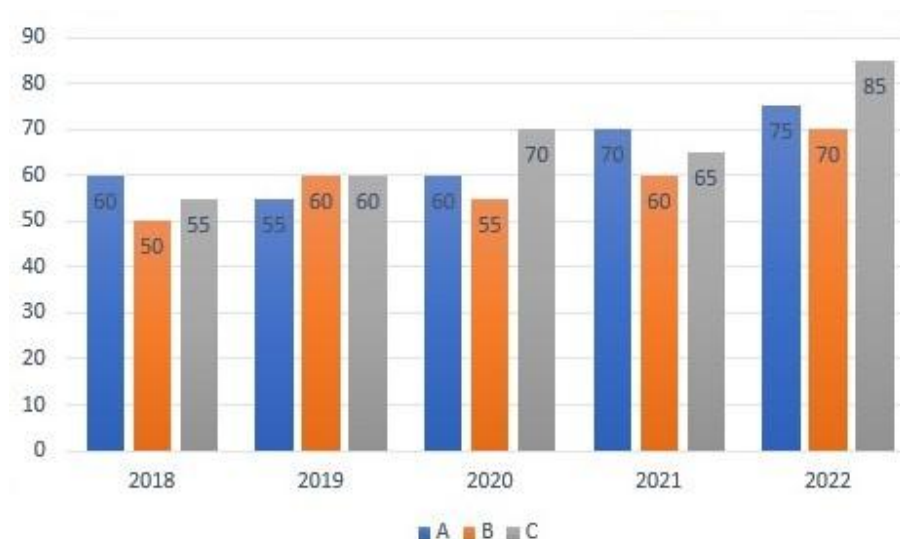
B). 2.2

C). 1.5

D). 1.3

Correct Answer: C

Q.14 The bar graph given below shows the earnings of three LIC agents (in rupees lakh) from LIC commission during the year 2018 to 2022. The total earnings of agent A is what per cent of the total earnings of agent C during the year 2020 to 2022? (Rounded off to 2 decimal places)



Ans A). 96.98%

B). 91.38%

C). 93.18%

D). 98.13%

Correct Answer: C

Q.15 Simplify the following expression.
 $(5 \times 5 + 5 - 5 \times 5 + 5 - 5 \times 5) + (5 \times 5) \div 5 (2 + 3)$

Ans A). 25

B). 10

C). 20

D). 5

Correct Answer: B

Q.16 What sum (in ₹) will earn a simple interest of ₹360 in 2 years at 4% per year rate of interest?

Ans A). 2250

B). 6000

C). 4500

D). 9000

Correct Answer: C

Q.17 What is the height of a solid cylinder whose radius is 7 cm and the total surface area is 704 cm^2 ? (Use $\pi = \frac{22}{7}$.)

Ans A). 12 cm

B). 9 cm

C). 8 cm

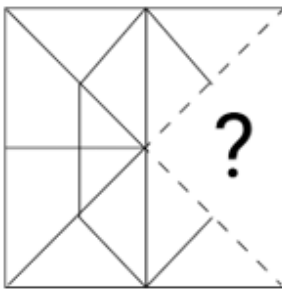
D). 7 cm

Correct Answer: B

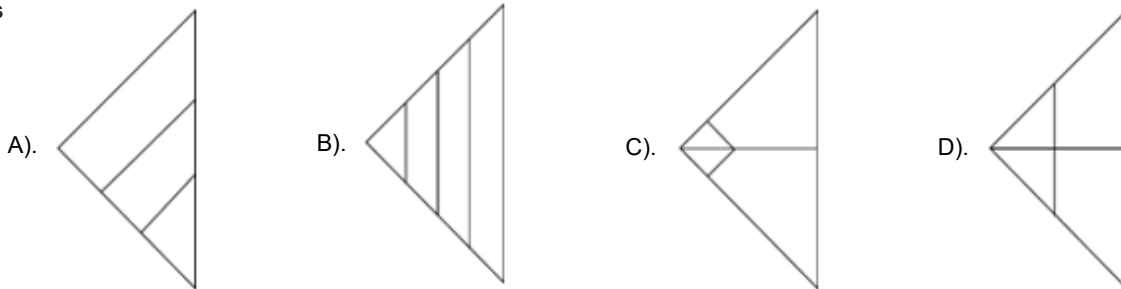
Q.18	Arun has taken some money as loan on simple interest for 6 years. The money lender levied interest at 4% per annum for the first 2 years, at 8% per annum for the next 3 years and at 12% per annum for the period beyond 5 years. If Arun clears his loan by paying ₹5,472, then what was the sum (in ₹) he had taken as loan?								
Ans A).	3,800	B).	6,840	C).	3,040	D).	12,436	Correct Answer: A	
Q.19	A shopkeeper sells an item at a profit of 25% and dishonestly uses a weight that is 30% less than the actual weight. Find his total profit percentage.								
Ans A).	23%	B).	42%	C).	78.57%	D).	65.75%	Correct Answer: C	
Q.20	A car covers the first 12 km distance at a speed of 30 km per hour, the next 15 km distance at a speed of 45 km/h and the next 20 km distance at a speed of 60 km/h. Find the average speed of the car.								
Ans	A).	$33\frac{1}{17}$ km/h	B).	$47\frac{3}{26}$ km/h	C).	$44\frac{1}{16}$ km/h	D).	$39\frac{2}{19}$ km/h	Correct Answer: C

Section : Reasoning Ability and Problem Solving				
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.			
	Statements: No bat is a wicket. No wicket is a glove.			
	Conclusions: (I) No bat is a glove. (II) No wicket is a bat.			
Ans A). Only conclusion II follows.	B). Neither conclusion I nor II follows.	C). Both conclusions I and II follow.	D). Only conclusion I follows.	Correct Answer: A
Q.2	In a certain code language, 'YOUR' is coded as '1245' and 'OURS' is coded as '4216'. What is the code for 'Y' in that language?			
Ans A). 4	B). 6	C). 1	D). 5	Correct Answer: D
Q.3	What should come in place of the question mark (?) in the following series based on the English alphabetical order? RSP ,TQN ,VOL, XMJ, ?			
Ans A). YKH	B). AKH	C). ZKH	D). YLH	Correct Answer: C
Q.4	Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (2, 70, 82) (26, 17, 53)			
Ans A). (36, 42, 90)	B). (79, 12, 141)	C). (71, 78, 122)	D). (54, 88, 152)	Correct Answer: D
Q.5	In a certain code language, 'PORK' is written as '7358' and 'CREW' is written as '1693'. How is 'R' written in that code language?			
Ans A). 5	B). 6	C). 3	D). 9	Correct Answer: C
Q.6	Which numbers should come in place of the question marks (?) in the same sequence to make the series logically complete? 19 ,33, 21, 30 ,23 ,27, ?, 24 ,?			
Ans A). 23, 25	B). 28, 25	C). 25, 27	D). 25, 26	Correct Answer: C
Q.7	QBON is related to UFSR in a certain way based on the English alphabetical order. In the same way, FCLT is related to JGPX. To which of the following is AOGS related, following the same logic?			
Ans A). BQJW	B). CQIU	C). ERJV	D). ESKW	Correct Answer: D

Q.15 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans



Correct Answer: D

Q.16 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 watches are belts.

Some belts are ties.

Conclusions:

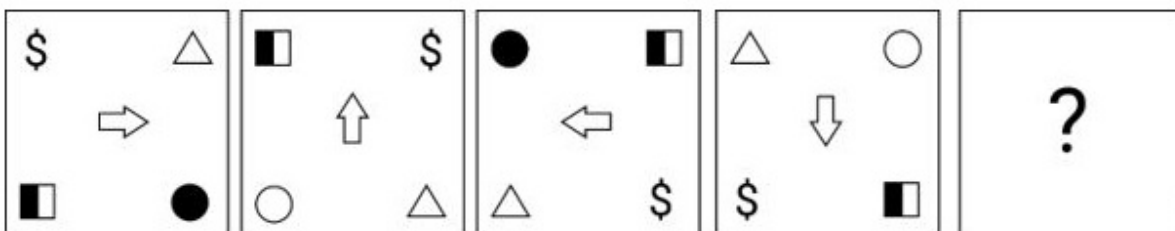
(I) Some watches are ties.

(II) Some belts are watches.

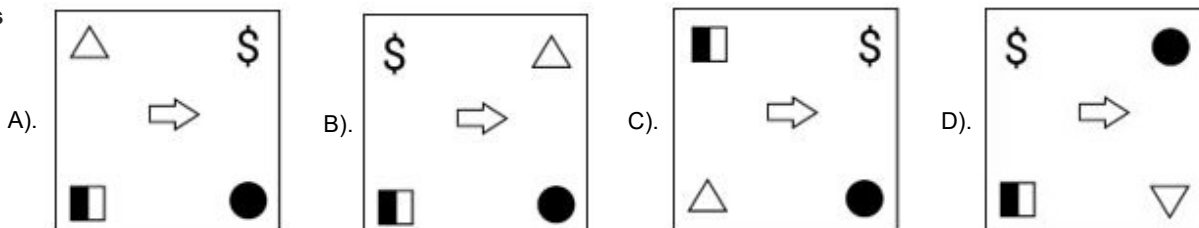
Ans A). Only conclusion I follows B). Only conclusion II follows C). Neither conclusion I nor II follows D). Both conclusion I and II follow

Correct Answer: B

Q.17 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



Ans



Correct Answer: B

Q.18 U, V, W, X, Y, K and A are sitting around a circular table facing the centre (but not necessarily in the same order) . Only two people live between W and X when counted from the left of X.U sits third to the left of K.V sits to the immediate right of K.V sits second to the left of W.Y is not an immediate neighbour of U. Who sits third to the right of A?

Ans A). U B). V C). W D). K

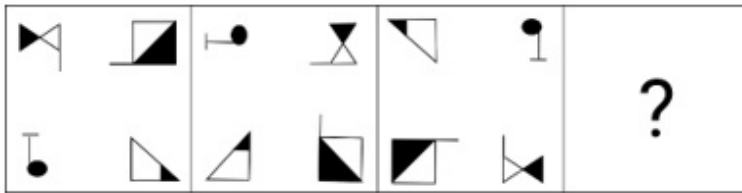
Correct Answer: B

Q.19 In a certain code language, 'WOLF' is coded as '4729' and 'FLEW' is coded as '9254'. What is the code for 'E' in that language?

Ans A). 4 B). 9 C). 2 D). 5

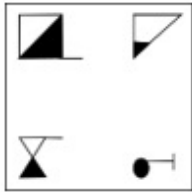
Correct Answer: D

Q.20 Select the figure from among the given options that can replace the question mark (?) in the following series.

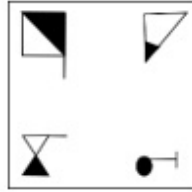


Ans

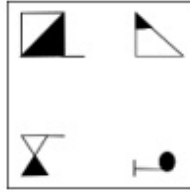
A).



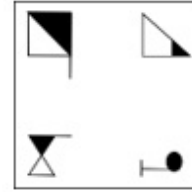
B).



C).



D).



Correct Answer: B

Section : General Awareness

Q.1 Which Article states that it shall be the duty of every citizen of India to abide by the constitution and respect its ideals and institutions, the National Flag and the National Anthem?

Ans A). 51A (a)

B). 52

C). 14

D). 54 (b)

Correct Answer: A

Q.2 Which of the following statements about phylum Arthropoda are correct?

- A. Animals of Arthropoda have joint appendages.
- B. They have compounds eyes.
- C. These make up the majority of all animals on earth.
- D. The mode of reproduction in all Arthropods is vegetative.

Ans A). Only C and D

B). Only B, C and D

C). Only A and C

D). Only A, B and C

Correct Answer: D

Q.3 Which of the following is the principal strategy adopted by National Literacy Mission for the eradication of illiteracy?

Ans A). Total Literacy Campaign B). Sarva Shiksha Abhiyan C). Education Guarantee Scheme D). Alternative and Innovative Education

Correct Answer: A

Q.4 The construction of Humayun's tomb was completed by:

Ans A). Zeenat Mahal

B). Mah Chuchak Begum

C). Rahmat Banu Begum

D). Biga Begum

Correct Answer: D

Q.5 The Patli Dun is associated with which physiographic division of India?

Ans A). The Coastal Plains

B). The Peninsular Plateau

C). The Indian Desert

D). The Himalayan Mountains

Correct Answer: D

Q.6 Consider the following statements in the context of the Mughal Rule.

1. The Mansabdari System was introduced by Akbar in 1571.
 2. The Second Battle of Panipat was fought in 1556.
 3. Maharana Pratap Singh of Mewar was a contemporary of Babur.
- Which of the statements given above is/are correct?

Ans A). Only 2

B). Both 1 and 2

C). Both 2 and 3

D). 1, 2 and 3

Correct Answer: B

Q.7 Who built Sudarshan lake in Junagarh?

Ans A). Skandgupta

B). Chandra Gupta

C). Pushyagupta

D). Bhanugupta

Correct Answer: C

Q.8 Which of the following dance categories is NOT considered for an award of the Sangeet Natak Akademi?

Ans A). Manipuri

B). Vilasini Natyam

C). Kuchipudi

D). Kathak

Correct Answer: B

Q.9 Which of the following personalities had the key role in fighting against the British East India Company in the Battle of Porto Novo?

Ans A). Hyder Ali

B). Maharaja Ranjit Singh

C). Alamgir-II

D). Gopala Nayaker

Correct Answer: A

Q.10 What is the primary function of the notochord in chordates?

Ans A). Locomotion

B). Support

C). Digestion

D). Respiration

Correct Answer: B

Q.11 Manipuri Raas Leela, a renowned form of classical dance, was created by:

Ans A). Birju Maharaj **B).** Siddhendra Yogi **C).** Sage Bharata **D).** Maharaja Bhagyachandra

Correct Answer: D

Ans A). Pankaj Tripathi B). Aamir Khan C). Pankaj Kapoor D). Ayushmann Khurrana **Correct Answer: D**

Ans A). Metamorphic rocks B). Volcanic rocks C). Plutonic rocks D). Sedimentary rocks **Correct Answer: D**

Ans A). $10 \text{KClO}_3 + 3 \text{P}_4 \rightarrow 3 \text{P}_4\text{O}_{10} + 10 \text{KCl}$ **B).** $6 \text{HClO}_4 + \text{P}_4\text{O}_{10} \rightarrow 4 \text{H}_3\text{PO}_4 + 6 \text{Cl}_2\text{O}_7$ **C).** $3 \text{CaCl}_2 + 2 \text{Na}_3\text{PO}_4 \rightarrow \text{Ca}_3(\text{PO}_4)_2 + 6 \text{NaCl}$
D). $3 \text{Hg}(\text{OH})_2 + 2 \text{H}_3\text{PO}_4 \rightarrow \text{Hg}_3(\text{PO}_4)_2 + 6 \text{H}_2\text{O}$

Correct Answer: B

Ans A). Paintings in the Kangra Valley B). Ajanta C). The Painted World of the Warlis D). Indian Art **Correct Answer: C**

Ans A). Ajay Kumar Bhalla B). Rajiv Gauba C). Vikram Dev Dutt D). Pramod Kumar Mishra **Correct Answer: C**

Ans A). Health@75 B). Ideas@75 C). Actions@75 D). Resolve@75 **Correct Answer: A**

Ans A). UAE B). Argentina C). France D). Qatar **Correct Answer: D**

Ans A). Bharata Muni B). Bhairav C). Sarngadeva D). Swami Haridas **Correct Answer: A**

Ans A). Type of banking service provided to employed
C). Majority of microfinancing operations occur in developing countries

B). Service provided to High income people only
D). Can provide jumbo loan

Correct Answer: C

Ans A). 115 B). 120 C). 105 D). 111 **Correct Answer: D**

Ans A). 1964 B). 1972 C). 1968 D). 1980 **Correct Answer: C**

Ans A). Article 74 B). Article 80 C). Article 76 D). Article 81

Correct Answer: C

Ans A). Arya Samaj B). Satyashodhak Samaj C). Brahmo Samaj D). Prarthana Samaj **Correct Answer: A**

Ans A). Madhya Pradesh B). Himachal Pradesh C). Andhra Pradesh D). Arunachal Pradesh **Correct Answer: A**

Q.1	Select the INCORRECTLY spelt word.				
	Nylon was among the first synthitic fibre made by man and is known for its toughness, strength and resistance to oil and grease.				
Ans	A). toughness	B). strength	C). resistance	D). synthitic	Correct Answer: D
Q.2	Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.				
	The name, Khajuraho, has probably <u>been derived from</u> the word 'Khajoor', meaning date palm.				
Ans	A). be derived into	B). derive at	C). derives into	D). No improvement	Correct Answer: D
Q.3	The following sentence contains an error. Select the option that correctly rectifies the error.				
	The robbers stabbed him by a sharp knife and he started bleeding profusely on the spot.				
Ans	A). The robbers stabbed her	B). but he started bleeding	C). profusely from the spot	D). with a sharp knife	Correct Answer: D
Q.4	Select the most appropriate option to fill in the blank.				
	Tom will _____ the document to the office tomorrow.				
Ans	A). mall	B). meal	C). mail	D). male	Correct Answer: C
Q.5	The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.				
	You have spoilt / the little chance you / had at succeeding.				
Ans	A). the little chance you	B). had at succeeding.	C). You have spoilt	D). No error	Correct Answer: D
Q.6	Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.				
	The vital role played by women at home and in the struggle for freedom, advanced the case for female <u>emancipation</u> soon after the war was over.				
Ans	A). freedom	B). bondage	C). utility	D). objectivity	Correct Answer: A
Q.7	The following sentence has been split into four segments. Identify the segment that contains an error.				
	That question is / much difficult / but this one is / very easy.				
Ans	A). That question is	B). very easy.	C). much difficult	D). but thisone is	Correct Answer: C
Q.8	Identify the most appropriate ANTONYM of the word in brackets.				
	The magician's performance was (captivating) and held the audience spellbound.				
Ans	A). Boring	B). Fascinating	C). Enchanting	D). Gripping	Correct Answer: A
Q.9	Select the sentence that has a grammatical error.				
Ans	A). I went to watch a play with one of my friends.	B). A famous poet wrote that poem.	C). A dog likes sunlight.	D). He resides near an university.	Correct Answer: D
Q.10	Select the INCORRECTLY spelt word.				
Ans	A). Thief	B). Believe	C). Recieve	D). Relief	Correct Answer: C
Q.11	Select the most appropriate option to fill in the blank.				
	I will not be able to _____ my assignment in time.				
Ans	A). complete	B). completes	C). completed	D). completing	Correct Answer: A
Q.12	Select the most appropriate synonym of the highlighted word.				
	His eloquent speech moved the audience to tears.				
Ans	A). Vernacular	B). Inarticulate	C). Angry	D). Expressive	Correct Answer: D

Q.13 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

The grapes taste sweetest.

Ans A). more sweeter B). sweeter C). sweet D). most sweeter

Correct Answer: C

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The intersection of nature conservation and social justice is evident in efforts to ensure that marginalised communities and other backward classes should have equal access to natural reserves.

Ans A). Manifest in actions to redesign B). Unclear in initiatives to safeguard C). apparent in endeavours to guarantee
D). obvious in attempts to recollect

Correct Answer: C

Q.15 Select the most appropriate synonym of the underlined word.
Her amicable nature made it easy for her to forge positive relationships.

Ans A). Sad B). Aggressive C). Friendly D). Attentive

Correct Answer: C

Q.16 Select the correctly spelt word to fill in the blank.
The play was shortened by the _____ of two scenes.

Ans A). omission B). addition C). ommision D). insirtion

Correct Answer: A

Q.17 Select the most appropriate option to fill in the blank.
As 'brutal' is synonymous to 'harsh', 'naive' is synonymous to _____.

Ans A). simple B). hospitable C). wise D). worldly

Correct Answer: A

Q.18 Select the most appropriate meaning of the given idiom.

Hornet's nest

Ans A). A difficult task B). A bee's nest C). A troublesome or hazardous situation D). A house built with great difficulty

Correct Answer: C

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The manager complained that Sheetal's email was not up to the standard for the company.

Ans A). up to the mark B). an uphill task C). up and doing D). under the nose

Correct Answer: A

Q.20 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Mukta requested Nikita to share the picture taken during the wedding.

Ans A). will requests Nikita to share B). requesting Nikita to share C). requested Nikita for share D). No improvement required

Correct Answer: D

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.

Saltwater crocodiles are also known as estuarine crocodiles. as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

Ans A). defer B). refer C). differ D). prefer

Correct Answer: D

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.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans A). fattest

B). largest

C). broadest

D). poorest

Correct Answer: B

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.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans A). Historically

B). Abysmally

C). Fanatically

D). acrobatically

Correct Answer: A

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.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans A). recipes

B). records

C). regiments

D). residues

Correct Answer: B

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.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans A). relevance

B). resistance

C). residence

D). remembrance

Correct Answer: C