

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

Exam Date	30/10/2024
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 ₹2500 as a sum borrowed at 8% per year rate of interest for 4 years.

Ans A). 800 B). 840 C). 740 D). 760

Correct Answer: A

Q.2 In a conical tent of diameter 13.2 m and vertical height 14 m, how many full bags of wheat can be emptied, if the space required for the wheat in each bag is 29.04 m^3 ? [Use $\pi = \frac{22}{7}$]

Ans A). 25 B). 28 C). 22 D). 21

Correct Answer: C

Q.3 A banner at a garment shop advertises 'Buy 2 and get 5'. The shopkeeper has marked all the shirts at the same amount. Gaurav was his relative and the shopkeeper gave him an additional discount of 2% on the total bill. Gaurav purchased 5 shirts and paid ₹1,274. What is the marked price of each shirt?

Ans A). ₹520 B). ₹260 C). ₹630 D). ₹650

Correct Answer: D

Q.4 What will be the average of the odd numbers from 1 to 51, both inclusive?

Ans A). 24 B). 26 C). 25 D). 26.5

Correct Answer: B

Q.5 What is the curved surface area of a cylinder with a base radius of 12 cm and a height of 49 cm?

(Use $\pi = \frac{22}{7}$)

Ans A). 3120 cm^2 B). 5260 cm^2 C). 3696 cm^2 D). 6336 cm^2

Correct Answer: C

Q.6 The average of first 9 whole numbers is:

Ans A). 3 B). 4.5 C). 5 D). 4

Correct Answer: D

Q.7 The salary of a worker is first increased by 30% and later reduced by 28.5%. What is the net change in his salary?

Ans A). 9.05% decrease B). 7.05% decrease C). 6.05% increase D). 8.05% increase

Correct Answer: B

Q.8 Aman, Bheema and Rehman play cricket, the ratio of Aman's runs to Bheema's runs and Bheema's runs to Rehman's runs is 5 : 4. They make together 549 runs. How many runs did Rehman make?

Ans A). 132 B). 158 C). 108 D). 144

Correct Answer: D

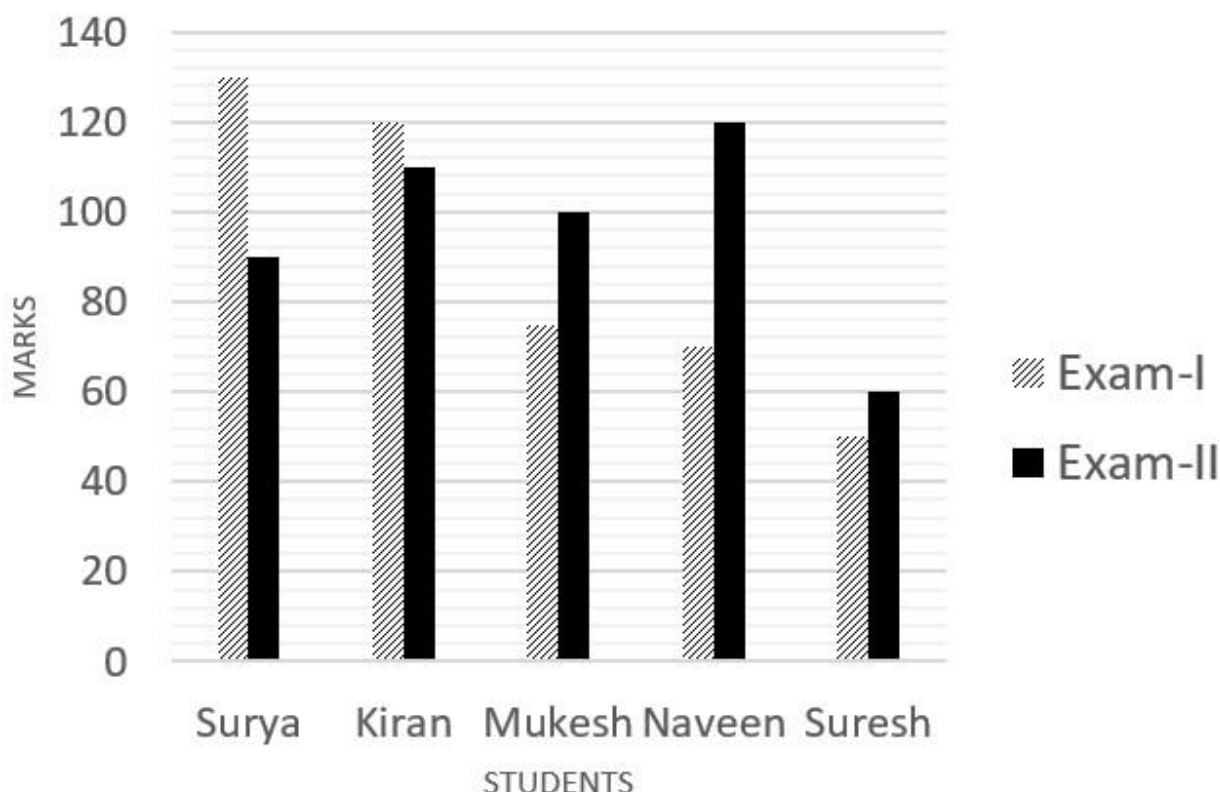
Q.9 Find the ratio in which rice worth ₹7.20/kg should be mixed with rice worth ₹5.70/kg to produce a mixture worth ₹6.30/kg.

Ans A). 2 : 3 B). 1 : 3 C). 3 : 4 D). 4 : 5

Correct Answer: A

Q.10	Raghu lends ₹9,600 and ₹11,800 at simple interest to two different persons for the same time at the rate of 7% per annum and 8% per annum, respectively. If he had received ₹9,696 as total interest from both, find the time period for which the amounts were lent.			
Ans A).	10 years	B). 8 years	C). 6 years	D). 12 years
Correct Answer: C				
Q.11	A policeman sees a thief at a distance of 50 m and starts chasing him at a speed of 7 m/s, while the thief runs at a speed of 5 m/s. What is the distance (in m) covered by the thief when he is caught?			
Ans A).	125	B). 150	C). 175	D). 100
Correct Answer: A				
Q.12	A shopkeeper sold an article at a profit of 4%. If he had bought the article at 5% less and sold it at ₹30 more, then he would have made a profit of 12%. What is the cost price (in ₹) of the article?			
Ans A).	1,232	B). 1,200	C). 1,260	D). 1,250
Correct Answer: D				
Q.13	The average weight of 14 persons out of 16 persons is 75 kg. The total weight of the remaining two persons is 48 kg more than the average weight of all 16 persons. Find the average weight of the remaining two persons.			
Ans A).	66.6 kg	B). 48.6 kg	C). 54.6 kg	D). 60.6 kg
Correct Answer: D				
Q.14	The lowest terms of $\frac{221}{488}$ is:			
Ans A).	$\frac{121}{488}$	B). $\frac{221}{488}$	C). $\frac{121}{288}$	D). $\frac{221}{288}$
Correct Answer: B				
Q.15	A vendor bought a certain number of bananas at 6 for ₹5 and sold them at 4 for ₹3. Find his loss percentage.			
Ans A).	12%	B). 10%	C). 8%	D). 15%
Correct Answer: B				
Q.16	A spherical ball of iron is to be produced. If the radius of the ball is 3 cm and weight of iron per cm ³ is 30g,what would be the weight of the ball?			
Ans A).	1080π g	B). 104π g	C). 1040π g	D). 108π g
Correct Answer: A				

Q.17 The given bar graph shows the marks obtained by five students in Exam I and Exam II. Study the bar graph carefully to answer the question that follows.



If the marks obtained by Suresh in Exam-I were increased by 14% of the original marks, what would be his new approximate percentage in Exam-I if the maximum marks in Exam-I were 140?

Ans A). 41% B). 38% C). 57% D). 47%

Correct Answer: A

Q.18 The following table shows the percentage of marks obtained by five students (A,B,C,D and E) in different subjects. (Maximum marks are given beside subjects)

Subjects	Urdu	Sanskrit	Music	Hindi	English
Students	200	200	200	200	200
A	60	80	90	60	90
B	90	70	80	70	40
C	70	90	90	80	70
D	80	60	70	90	80
E	90	50	80	80	80

How many more or fewer marks did Student A obtain in English, as compared to the marks obtained by Student E in the same subject?

Ans A). 20 less B). 15 less C). 20 more D). 15 more

Correct Answer: C

Q.19 What sum (in ₹) will earn a simple interest of ₹360 in 2 years at 16% per year rate of interest?

Ans A). 725 B). 1850 C). 1125 D). 2250

Correct Answer: C

Q.20 A man travelled from Tirupati to Tirumala at the speed of 20 km/h and walked back at the speed of 4 km/h. If the whole journey took 24 hours, then find the distance (in km) between Tirumala and Tirupati.

Ans A). 20 B). 25 C). 80 D). 30

Correct Answer: C

Section : Reasoning Ability and Problem Solving

Q.1 In a code language, 'PINK' is coded as 'WFOH' and 'DORM' is coded as 'KLYJ'. How will 'BUGI' be coded in that language?

Ans A). JROF B). KSNE C). KSOE D). IRNF

Correct Answer: D

- Q.2** Three statements are given, followed by two conclusions numbered 1 and 2. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
 Some Jeans are Pants
 No Pant is a Shirt
 Some Shirts are T-shirts
Conclusions:
 1. Some T-shirts are Shirts
 2. Some T-shirts are Jeans

Ans A). Both conclusions 1 and 2 follow B). Neither conclusion 1 nor 2 follows C). Only conclusion 2 follows D). Only conclusion 1 follows

Correct Answer: D

- Q.3** HLTE is related to DHPA in a certain way based on the English alphabetical order. In the same way, VBNW is related to RXJS. To which of the following is MUXK related, following the same logic?

Ans A). IQTG B). IQSF C). JRUG D). IPSF

Correct Answer: A

- Q.4** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $2 \div 90 \times 5 - 4 + 10 = ?$

Ans A). 30 B). 35 C). 29 D). 37

Correct Answer: A

- Q.5** In a certain code language, 'JUGS' is coded as '3715' and 'GOLD' is coded as '6524'. What is the code for 'G' in that language?

Ans A). 5 B). 6 C). 1 D). 4

Correct Answer: A

- Q.6** Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). F is sitting second to the left of C. E is the immediate neighbour of A and C. G is sitting third to the right of D.

What is the position of B with respect to G?

Ans A). Second to the left B). To the immediate right C). Second to the right D). Third to the right

Correct Answer: A

- Q.7** Which of the following interchanges of signs would make the given equation correct?
 $96 \times 8 - 15 \div 5 + 100 = 37$

Ans A). - and ÷ B). x and - C). ÷ and x D). x and +

Correct Answer: C

- Q.8** Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

P	E	S	E	↑	O	6	♥	A	♥	D	O	
↑	A	6	P	S	D	D	S	P	6	A	↑	?
O	D	♥	A	♥	6	O	↑	E	S	E	P	

Ans

D	6	S	P	E	S	D	6	S	P	E	S
♥	A	E	↑	A	6	♥	O	E	↑	O	6
O	P	↑	O	D	♥	A	P	↑	A	D	♥

A). B). C). D).

Correct Answer: B

- Q.9** A, B, C, D, E, F, and G, are sitting around a circular table facing the centre (but not necessarily in the same order). Only 3 people sit between E and F when counted from the right of E. A and D are both immediate neighbours of G. B sits immediate to the right of C. Only 1 person sits between B and D. How many people sit between A and E when counted from the right of A?

Ans A). 2 B). 4 C). 1 D). 3

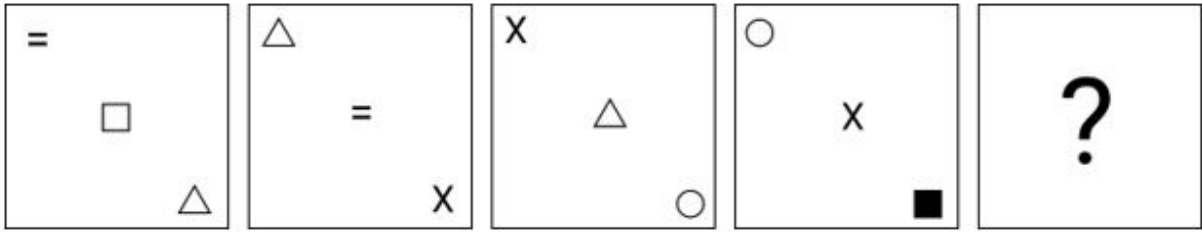
Correct Answer: D

- Q.10** 79 is related to 164 following a certain logic. Following the same logic, 98 is related to 183. To which of the following is 112 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 /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

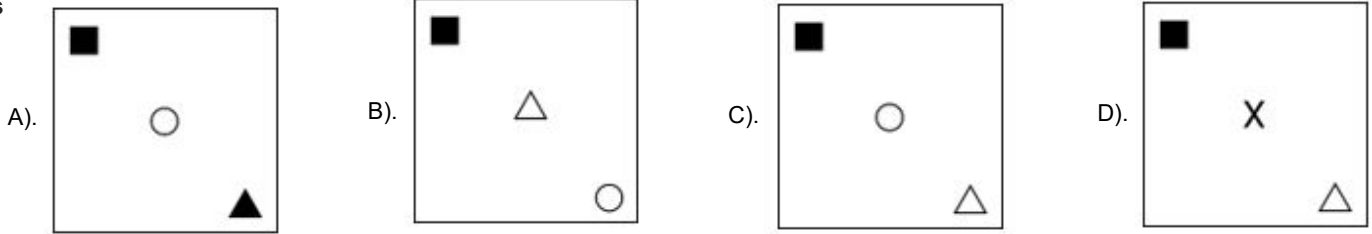
Ans A). 197 B). 187 C). 182 D). 195

Correct Answer: A

Q.11 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans



Correct Answer: A

Q.12 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:
All apples are mangoes.
No mango is a kiwi.

Conclusions:
(I) No apple is a kiwi.
(II) No kiwi is a mango.

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

Correct Answer: B

Q.13 In a certain code language, 'HOME' is coded as '5317' and 'EAST' is coded as '6528'.What is the code for 'E' in the given code language?

Ans A). 8 B). 5 C). 7 D). 6

Correct Answer: B

Q.14 What should come in place of question mark (?) in the given series based on the English alphabetical order?
CEB, GHE, KKH, ONK, ?

Ans A). TQO B). TQN C). SQO D). SQN

Correct Answer: D

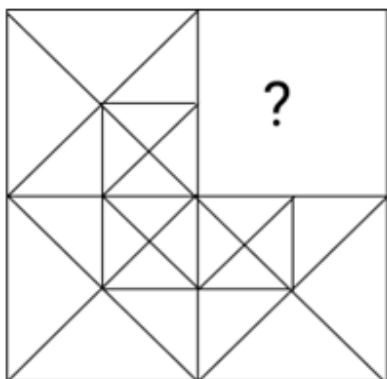
Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans A). A a r e M Y B). s A r e W Y C). s A r e M Y D). a A r e M Y

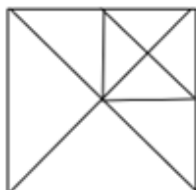
Correct Answer: C

Q.16 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.

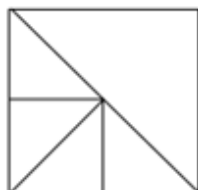


Ans

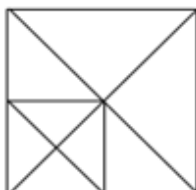
A).



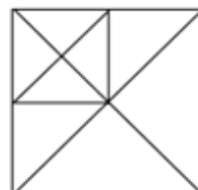
B).



C).



D).



Correct Answer: C

Q.17 What should come in place of the question mark (?) in the following series?
4, 10, ?, 82, 244, 730, 2188

Ans A). 21

B). 28

C). 38

D). 20

Correct Answer: B

Q.18 AFKO is related to CHMQ in a certain way based on the English alphabetical order. In the same way, ILRS is related to KNTU. To which of the following is BDGI related, following the same logic?

Ans A). HDJI

B). DFIK

C). RTUI

D). SIND

Correct Answer: B

Q.19 20 is related to 401 following a certain logic. Following the same logic, 15 is related to 226. To which of the following is 18 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 / subtracting / multiplying, etc.. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans A). 364

B). 352

C). 325

D). 346

Correct Answer: C

Q.20 In a certain code language, 'PEN' is coded as '16-05-14' and 'CAR' is coded as '03-01-18'. How is 'KITE' coded in the given language?

Ans A). 11-10-20-04

B). 10-09-20-05

C). 10-12-20-03

D). 11-09-20-05

Correct Answer: D

Section : General Awareness

Q.1 The Hindi novel 'Jhutha Sach' is written by:

Ans A). Yashpal

B). Jaishankar Prasad

C). Shrilal Shukla

D). Premchand

Correct Answer: A

Q.2 'Attolu Eidu' is the cultural festival of which of the following union territories?

Ans A). Jammu and Kashmir

B). Dadra and Nagar Haveli

C). Andaman and Nicobar Islands

D). Lakshadweep

Correct Answer: D

Q.3 According Census 2011 of India, which of the following union territories has the second highest literacy rate?

Ans A). Lakshadweep

B). Chandigarh

C). Daman and Diu

D). Andaman and Nicobar

Correct Answer: C

Q.4 Chand Minar at Daulatabad is a 210-feet-high tapering tower divided into _____ storeys.

Ans A). four

B). six

C). three

D). five

Correct Answer: A

Q.5 Which of the following is a natural indicator for acid and base?

Ans A). Curry tree

B). China rose

C). Fungi

D). Algae

Correct Answer: B

Q.20	According to National Multidimensional Poverty Index 2023 (A Progress Review), what is the percentage of the total population who are multidimensionally poor (Headcount Ratio) in Bihar state?			
Ans	A). 36.12%	B). 45.98%	C). 40.54%	D). 33.76%
Correct Answer: D				
Q.21	Which of the following rivers flows through Madhya Pradesh?			
Ans	A). Shyok	B). Sharda	C). Bhima	D). Betwa
Correct Answer: D				
Q.22	Who is National Security Advisor of India as of July 2023?			
Ans	A). Rajnath Singh	B). Ajit Doval	C). Rajiv Gauba	D). Sanjeev Sanyal
Correct Answer: B				
Q.23	Which port situated at the head of Gulf of Kutch has helped to reduce the pressure at Mumbai port?			
Ans	A). Haldia	B). Kolkata	C). Kandla	D). Kochi
Correct Answer: C				
Q.24	What are the three components of the empowerment model in SAPAP of SHGs?			
Ans	A). Social mobilisation, economic development, and education B). Collective empowerment, capital formation, and poverty eradication C). Public resource allocation, capacity building, and microfinance D). Social mobilisation, capital formation, and capacity building of the poor			
Correct Answer: D				
Q.25	Harappa, one of the sites of the Harappan culture, was found in which of the following states of pre-independent India?			
Ans	A). Punjab	B). Balochistan	C). Sindh	D). United Province
Correct Answer: A				

Section : English Language and Comprehension				
Q.1	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.			
	My mother said / that the thief / Ramesh will learnt / his lesson soon.			
Ans	A). Ramesh will learnt	B). his lesson soon.	C). My mother said	D). that the thief
Correct Answer: A				
Q.2	Select the most appropriate synonym of the underlined word in the given sentence.			
	James is just an old <u>eccentric</u>.			
Ans	A). Ordinary	B). Follower	C). Cranky	D). Humble
Correct Answer: C				
Q.3	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.			
	After the match, / the stadium was the messiest / it's ever been.			
Ans	A). No Error	B). it's ever been	C). After the match	D). the stadium was the messiest
Correct Answer: A				
Q.4	Select the most appropriate adjective to fill in the blank.			
	According to the chairman, his proposal was _____ than Mr. Jackson's.			
Ans	A). worse	B). worst	C). bad	D). ill
Correct Answer: A				
Q.5	The following sentence has been split into four segments. Identify the segment that contains an error in phrasal verb.			
	Gita got onto / the book / she was reading / this morning.			
Ans	A). she was reading	B). this morning	C). Gita got onto	D). the book
Correct Answer: C				
Q.6	Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.			
	The tailor was called to stitch the long loose gowns worn by priests and choristers.			
Ans	A). frocks	B). cassocks	C). petticoats	D). tuxedos
Correct Answer: B				
Q.7	Select the INCORRECTLY spelt word from the given sentence.			
	The explorer's adventuros spirit led to the discovery of an ancient civilisation.			
Ans	A). Ancient	B). Adventuros	C). Discovery	D). Explorer's
Correct Answer: B				

Q.8	Select the most appropriate option that can substitute the underlined segment without changing its meaning in the given sentence. Entrepreneurial <u>endeavours drive economic growth</u> and innovation, empowering individuals to bring their ideas to fruition.			
Ans	A). pursuits manipulates economic success	B). ventures contribute to economic flourishing	C). actions spur economic recession	D). projects discourage economic prosperity
Correct Answer: B				
Q.9	Select the most appropriate option that can substitute the underlined segment in the given sentence. I had to choose the <u>best of</u> the two options available.			
Ans	A). good of	B). better of	C). better than	D). best than
Correct Answer: B				
Q.10	Select the option that will improve the underlined part of the given sentence. I started feeling tired as I had been working for a long time and so I decided to <u>call the day</u> .			
Ans	A). be a day for calling	B). call it a day	C). be called a day	D). call off the day
Correct Answer: B				
Q.11	Select the most appropriate option to fill in the blank. The farmer stood by the roadside stand to sell his _____.			
Ans	A). volume	B). consequence	C). productivity	D). produce
Correct Answer: D				
Q.12	Identify the most appropriate ANTONYM of the word in brackets. Her candid remarks were a (refreshing) change from the usual diplomatic responses.			
Ans	A). Bracing	B). Invigorating	C). Revitalising	D). Stale
Correct Answer: D				
Q.13	Select the most appropriate ANTONYM for the underlined word in the given sentence. He is a <u>lazy</u> person.			
Ans	A). hardworking	B). perfect	C). casual	D). popular
Correct Answer: A				
Q.14	In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative. Wolfia is the <u>tiny</u> plant in the world.			
Ans	A). tinier	B). tiniest	C). most tiny	D). more tiny
Correct Answer: B				
Q.15	Select the INCORRECTLY spelt word.			
Ans	A). Abodomen	B). Abolished	C). Adverse	D). Annoyed
Correct Answer: A				
Q.16	Select the most appropriate option to fill in the blanks. He is going to _____ the campaign against excessive use of _____ in local production units.			
Ans	A). combat	B). spice	C). protest	D). lead
Correct Answer: D				
Q.17	Select the most appropriate option to fill in the blank. Please turn off the lights _____ leaving the house.			
Ans	A). before	B). between	C). during	D). amid
Correct Answer: A				
Q.18	Select the INCORRECTLY spelt word.			
Ans	A). Consensus	B). Conceive	C). Disapoint	D). Disappear
Correct Answer: C				

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

Sree did not go to work today, as she was feeling a bit under the weather.

Ans A). feeling nervous B). feeling tired C). feeling excited D). feeling ill

Correct Answer: D

Q.20 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

The family members described their dream home's architectural elegance.

Ans A). coarseness B). fortitude C). grandiosity D). gleam

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.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1)_____ scientific, political, and philosophical debate that characterised European culture (2)_____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3)_____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4)_____ in favour of exploration, individuality, tolerance, and scientific (5)_____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 21

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

Ans A). auspicious B). malicious C). cautions D). rigorous

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.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1)_____ scientific, political, and philosophical debate that characterised European culture (2)_____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3)_____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4)_____ in favour of exploration, individuality, tolerance, and scientific (5)_____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 22

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

Ans A). above B). over with C). throughout D). along with

Correct Answer: C

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 Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1)_____ scientific, political, and philosophical debate that characterised European culture (2)_____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3)_____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4)_____ in favour of exploration, individuality, tolerance, and scientific (5)_____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 23

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

Ans A). secure B). shield C). embed D). shift

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.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1)_____ scientific, political, and philosophical debate that characterised European culture (2)_____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3)_____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4)_____ in favour of exploration, individuality, tolerance, and scientific (5)_____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 24

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

Ans A). discarded B). demean C). dejected D). defrosted

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.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1) _____ scientific, political, and philosophical debate that characterised European culture (2) _____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3) _____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4) _____ in favour of exploration, individuality, tolerance, and scientific (5) _____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 25

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

Ans A). endeavour

B). shirk

C). slacken

D). doodle

Correct Answer: A