

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

Exam Date	11/11/2024
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 Out of his monthly income, Mr. Sharma spends 24% on house rent and 70% on household expenses and saves the balance. If every month, he saves ₹1,200, then what is his monthly income?

Ans A). ₹20,000 B). ₹32,000 C). ₹27,000 D). ₹25,000

Correct Answer: A

Q.2 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 2 years.

Ans A). 210 B). 290 C). 190 D). 250

Correct Answer: D

Q.3 C.P. of 21 books is equal to S.P. of 20 books. What is the gain percentage?

Ans A). 4% B). 5% C). 6% D). 10%

Correct Answer: B

Q.4 I walk at a speed of 10 km/h and reach my destination in 2 hrs. If I increase my speed by 2 km/h, how early would I reach my destination?

Ans A). 100 min B). 50 min C). 40 min D). 20 min

Correct Answer: D

Q.5 In a class of 40 students the ratio of boys to girls is 3 : 5. If the average marks scored by the boys in Science is 70 and the average marks scored by the whole class in Science is 60, then find the average marks scored by the girls in Science.

Ans A). 54 B). 56 C). 52 D). 50

Correct Answer: A

Q.6 The sum of the radii of spheres A and B is 14 cm, the radius of A being larger than that of B. The difference between their surface areas is $112\pi\text{ cm}^2$. What is the ratio of the volumes of B to A?

Ans A). 27 : 64 B). 64 : 27 C). 64 : 25 D). 25 : 64

Correct Answer: A

Q.7 Rahul and Rohit start running on a circular track (of length 360 m) from the same point simultaneously with a speed of 3 m/s and 4 m/s. After how much time from the start, they will meet again at the starting point?

Ans A). 2 minutes B). 12 minutes C). 6 minutes D). 3 minutes

Correct Answer: C

Q.8 Manoj buys 1 kg tomato for ₹80 and sells it for ₹90. He also uses a weight of 800 gm in place of 1 kg. What is Manoj's actual profit percentage on the sale of 1 kg tomato?

Ans A). 40.625% B). 12.5% C). 37.5% D). 25%

Correct Answer: A

Q.9 The ratio of the radius of the base and the perpendicular height of a right circular cone is given as 3 : 4 and the curved surface area of the cone is given as 2310 cm^2 .

Find the radius (in cm) of the base of the given cone. (Use $\pi = \frac{22}{7}$.)

Ans A). 21 B). 35 C). 28 D). 24

Correct Answer: A

Ans A). 4294 B). 113 C). 1406 D). 2850 **Correct Answer: D**

Ans A). ₹62 B). ₹60 C). ₹75 D). ₹50 **Correct Answer: D**

Ans A). 255 B). 315 C). 275 D). 355 **Correct Answer: B**

Measured on Birthday	Height of the child (in cm)
5	130
6	145
7	162
8	170

Ans A). 5 B). 8 C). 6 D). 7 **Correct Answer: B**

Ans A). 83.3 B). 87.6 C). 68.5 D). 78.6 **Correct Answer: A**

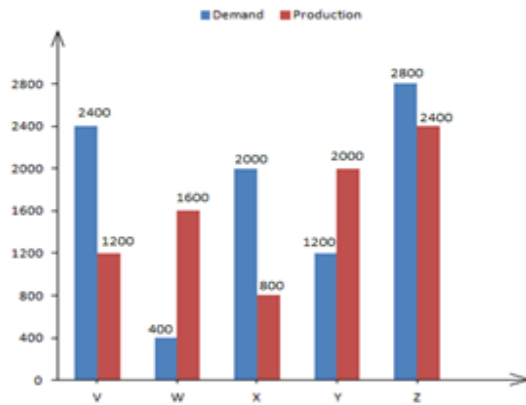
Ans A). 3150 cm^2 B). 4000 cm^2 C). 3200 cm^2 D). 1575 cm^2 **Correct Answer: D**

Ans A). $\frac{1}{4} : \frac{1}{2} : \frac{1}{7}$ B). $\frac{1}{8} : \frac{1}{5} : \frac{1}{9}$ C). $\frac{1}{5} : \frac{1}{3} : \frac{1}{7}$ D). $\frac{1}{6} : \frac{1}{5} : \frac{1}{3}$ Correct Answer: C

Ans A). 24,000 B). 18,300 C). 20,000 D). 12,500 **Correct Answer: C**

Ans A). 17 B). 15 C). 18 D). 19 **Correct Answer: A**

Q.19 The demand and production for five businesses, V, W, X, Y, and Z, are shown in the accompanying chart, which illustrates them using a basic bar graph to provide an answer.



If the demand of company Z is k times than that of company W, then find the value of k.

Ans A). 5 B). 7 C). 8 D). 6 **Correct Answer: B**

Q.20 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 69 kg and 36 kg is:

Ans A). 50 B). 49 C). 52 D). 51 **Correct Answer: A**

Section : Reasoning Ability and Problem Solving

Q.1 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $111 - 1 + 36 \div 2 \times 12 = ?$

Ans A). 144 B). 160 C). 120 D). 106 **Correct Answer: D**

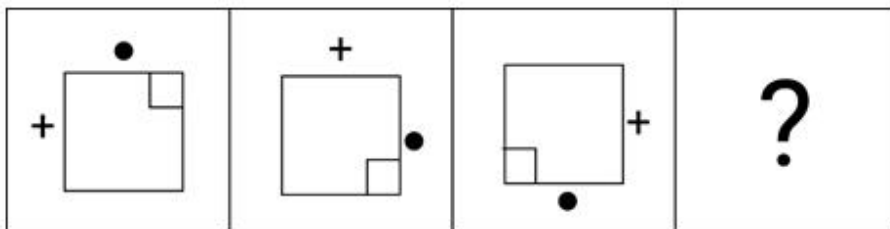
Q.2 Adesh, Rinki, Narendra, Priya, Kiara, Sahil, and Lakshmi are sitting around a circular table, facing the centre (but not necessarily in the same order).
Kiara sits third to the left of Sahil. Rinki sits to the immediate right of Priya, who sits with Sahil. Adesh sits second to the right of Lakshmi.
Who is sitting to the immediate left of Adesh?

Ans A). Narendra B). Rinki C). Kiara D). Sahil **Correct Answer: C**

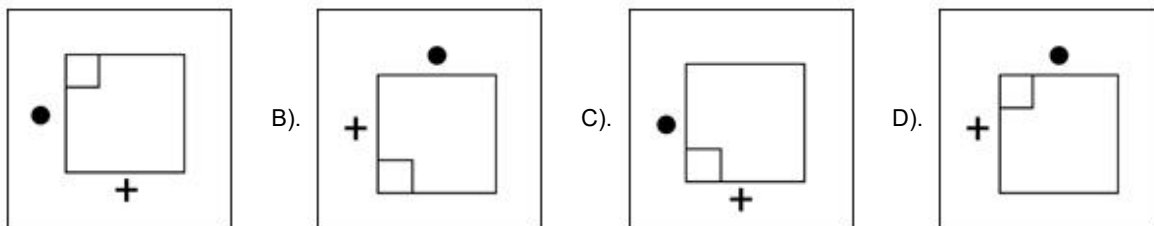
Q.3 FH 61 is related to JL 69 in a certain way. In the same way, QS 76 is related to UW 84. To which of the following is LN 46 related, following the same logic?

Ans A). PR 54 B). NK 56 C). CG 51 D). HU 52 **Correct Answer: A**

Q.4 Identify the figure from the given options that can replace the question mark (?) and logically complete the series.



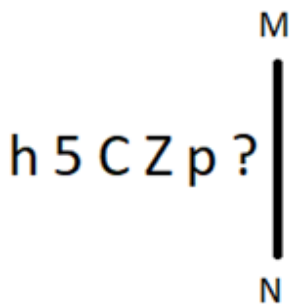
Ans: Correct Answer: A



Q.5 In a certain code language, 'EVIL' is coded as '5731' and 'BEAD' is coded as '4816'.What is the code for 'E' in the given code language?

Ans A). 5 B). 8 C). 1 D). 3 **Correct Answer: C**

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans A). B). C). D).

Correct Answer: C

Q.7 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

All apricots are buns.

All buns are sweet.

Conclusions

(I) Some apricots are sweet.

(II) Some buns are apricots.

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

Correct Answer: D

Q.8 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$15 \div 15 - 30 + 225 \times 25 = ?$$

- Ans A). 426 B). 246 C). 236 D). 146

Correct Answer: B

Q.9 Seven friends - M, N, O, P, Q, R, and S - are sitting around a circular table, facing the centre (but not necessarily in the same order). O is sitting third to the right of S. N is sitting second to the right of O. Q is an immediate neighbour of both M and S. P is an immediate neighbour of both O and N. Who is sitting to the immediate right of R?

- Ans A). O B). N C). M D). S

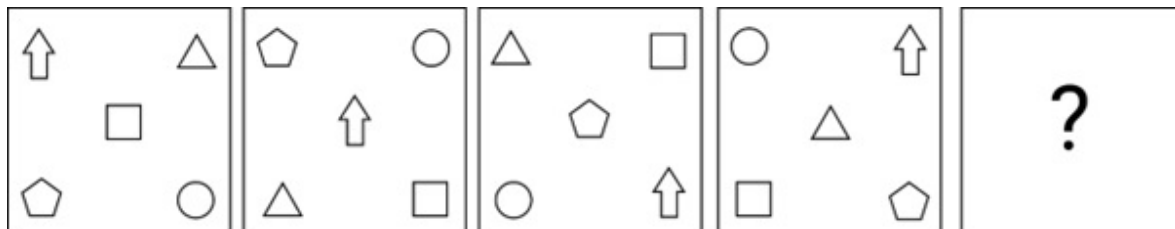
Correct Answer: D

Q.10 In a certain code language, 'GOAT' is coded as '2684' and 'OPEN' is coded as '3598'. What is the code for 'O' in the given code language?

- Ans A). 5 B). 3 C). 6 D). 8

Correct Answer: D

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



- Ans A). B). C). D).

Correct Answer: D

Q.12 In a certain code language, 'FEEDING' is coded as 'ECBDJPJ' and 'SURFACE' is coded as 'RSOFBEH'. How will 'MIGRATE' be coded in the same language?

- Ans A). LGDRBVH B). LHDRBUH C). LGCRCUI D). LGERBVG

Correct Answer: A

Q.13 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.)

(6, 24, 36)
(8, 11, 25)

Ans A). (18, 2, 47)

B). (2, 14, 20)

C). (5, 19, 30)

D). (15, 23, 34)

Correct Answer: C

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

CEH, FHK, IKN, LNQ, ?

Ans A). NPS

B). OQT

C). MOP

D). PRU

Correct Answer: B

Q.15 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: Some greens are red. All reds are yellow.

Conclusions:

(I) All yellows are greens.

(II) All reds are green.

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: A

Q.16 KRAV is related to GNWR in a certain way based on the English alphabetical order. In the same way, UBKF is related to QXGB. To which of the following is IPYT related, following the same logic?

Ans A). PELU

B). LUPE

C). ELUP

D). ELPU

Correct Answer: C

Q.17 12 is related to 139 following a certain logic. Following the same logic, 17 is related to 284. 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). 324

B). 309

C). 312

D). 319

Correct Answer: D

Q.18 What should come in place of the question mark (?) in the following series?

12, 18, 36, 90, 252, ?

Ans A). 738

B). 876

C). 800

D). 789

Correct Answer: A

Q.19 In a certain code language, 'MINT' is coded as '5289' and 'TIME' is coded as '9758'. What is the code for 'N' in the given code language?

Ans A). 8

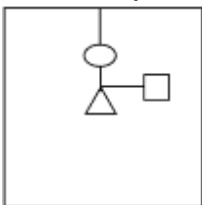
B). 9

C). 2

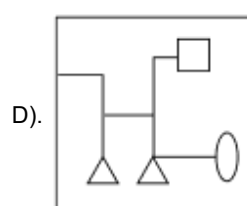
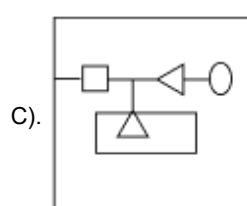
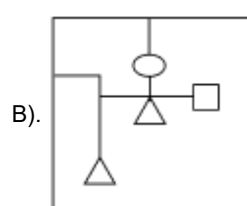
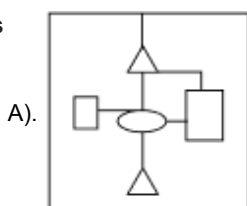
D). 7

Correct Answer: C

Q.20 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).



Ans



Correct Answer: B

Section : **General Awareness**

Q.1 In December 2023, who became the first women Chief of Central Industrial Security Force (CISF) in India?

Ans A). Archana Ramasundaram

B). Vimla Mehra

C). Nina Singh

D). Rashmi Shukla

Correct Answer: C

Q.2 The autobiography, 'An Autobiography' by Jawaharlal Nehru is also known as _____.

Ans A). My Idea of Education

B). The Accidental Prime Minister

C). Toward Freedom

D). The Unfinished Innings

Correct Answer: C

Q.3 In which of the following states is the groundnut fair, 'Kadalekayi Parishe' celebrated on the last Monday of the Karthika month of the Hindu calendar?

Ans A). Kerala

B). Tamil Nadu

C). Madhya Pradesh

D). Karnataka

Correct Answer: D

Q.4 The earthquakes that are generated due to the explosion of chemical or nuclear devices are known as:

Ans A). Collapse earthquakes

B). Explosion earthquakes

C). Tectonic earthquakes

D). Reservoir-induced earthquakes

Correct Answer: B

Q.5 Which of the following gases is generally used to flush bags of chips by the manufacturers?

Ans A). Compressed air

B). Oxygen

C). Carbon dioxide

D). Nitrogen

Correct Answer: D

Q.6 In the year 1940, the national games were hosted by which of the following cities?

Ans A). Lahore

B). Lucknow

C). Patiala

D). Bombay

Correct Answer: D

Q.7 Who among the following was the founder of 'Satnami movement' in the central India?

Ans A). Ghasidas

B). Narayan Guru

C). Saint Haridas

D). Jyoti Rao Phule

Correct Answer: A

Q.8 What does a budget deficit indicate?

Ans A). The government is saving for future projects

B). The government is not allocating enough funds for public services

C). Government revenue exceeds government spending

D). Government spending exceeds government revenue

Correct Answer: D

Q.9 In which of the following years was the state of Golconda finally annexed into the Mughal empire?

Ans A). 1697

B). 1687

C). 1685

D). 1690

Correct Answer: B

Q.10 Palkigundu Minor Rock Edicts of Ashoka are located in _____.

Ans A). Telangana

B). Tamil Nadu

C). Karnataka

D). Maharashtra

Correct Answer: C

Q.11 The Great Granary was one of the largest granaries in the _____.

Ans A). Egyptian Civilization

B). Mesopotamian Civilization

C). Harappan Civilization

D). Mayan Civilization

Correct Answer: C

Q.12 Who among the following Indian dancers was honoured with the Padma Vibhushan in 1971, who was also known as the father of modern Indian dance?

Ans A). Pandit Durga Lal

B). Uday Shankar

C). Kelucharan

D). Pandit Birju Maharaj

Correct Answer: B

Q.13 As on February 2024, Nitish Kumar is the 9th time Chief Minister of which state?

Ans A). Odisha

B). Chattisgarh

C). Bihar

D). Jharkhand

Correct Answer: C

Q.14 In the 1974 edition of the Guinness Book of Records, which playback singer was mentioned as the most recorded artist in human history?

Ans A). Pulapaka Susheela

B). Lata Mangeshkar

C). KS Chithra

D). Alka Yagnik

Correct Answer: B

Q.15 What is the female literacy rate in India, as per the 2011 census?

Ans A). 66.44%

B). 64.66%

C). 65.46%

D). 65.64%

Correct Answer: C

Q.16 Forward Bloc was founded in 1939-40 by which of the following leaders?

Ans A). Subhash Chandra Bose

B). Rash Behari Bose

C). Jawahar Lal Nehru

D). Chittaranjan Das

Correct Answer: A

Q.17 Dandiya Raas is a famous dance form of which state?				
Ans A). Punjab	B). Uttar Pradesh	C). Chhattisgarh	D). Gujarat	Correct Answer: D
Q.18 Which of the following is/are the highest judiciary in India?				
Ans A). District Courts	B). Supreme Court	C). High Courts	D). Parliament	Correct Answer: B
Q.19 The Mayurbhanj District in Odisha is a part of which Biosphere Reserve from the following?				
Ans A). Dehang Debang	B). Similipal	C). Pachmarhi	D). Nokrek	Correct Answer: B
Q.20 As per Ministry of Road Transport and Highways, what is the total length of National Highways in India as of November 2022?				
Ans A). 1,85,633 kilometres	B). 1,45,897 kilometres	C). 1,86,908 kilometres	D). 1,44,634 kilometres	Correct Answer: D
Q.21 Which of the following neighbouring countries of India is most populous?				
Ans A). Bangladesh	B). Afghanistan	C). Bhutan	D). Pakistan	Correct Answer: D
Q.22 Who among the following athletes was conferred with the Arjuna Award, 2021 by President Ram Nath Kovind?				
Ans A). Dutee Chand	B). Arpinder Singh	C). Tajinder Pal Singh Toor	D). Swapna Barman	Correct Answer: B
Q.23 Which of the following is the federal feature of the Indian Constitution?				
Ans A). Bicameralism	B). Integrated Judiciary	C). Single Citizenship	D). All India Service	Correct Answer: A
Q.24 When a sailor jumps out of a rowing boat, the boat moves backwards. This represents:				
Ans A). the First law of motion	B). the Third law of motion	C). rectilinear motion	D). the Second law of motion	Correct Answer: A
Q.25 When the body is deprived of energy from food, which of the following tissues is used to feed on its own?				
Ans A). Nervous tissue	B). Collenchyma tissue	C). Epithelial tissue	D). Adipose tissue	Correct Answer: D

Section : English Language and Comprehension				
Q.1 Select the most appropriate synonym of the underlined word in the given sentence. A lot of social work is <u>hindered</u> due to corrupt politicians.				
Ans A). Obstructed	B). Collided	C). Helped	D). Abided	Correct Answer: A
Q.2 Change the following sentence into positive degree. The dog is the most faithful animal.				
Ans A). The dog is more useful than any other animal.	B). The dog is the faithful animal.	C). No other animal is as faithful as the dog.	D). The dog is the only faithful animal.	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. My mother is 51 years old, / and my uncle is 48 years old. / So my mother is old than my uncle.				
Ans A). My mother is 51 years old,	B). and my uncle is 48 years old.	C). So my mother is old than my uncle.	D). No error	Correct Answer: C
Q.4 Based on the context of the given sentence, select the most appropriate idiom to fill in the blank. Siri was feeling _____ after receiving praise from her professor for completing the project ahead of schedule.				
Ans A). under the weather	B). in the dark	C). in the same boat	D). on top of the world	Correct Answer: D
Q.5 Parts of the following sentence have been given as options. Select the option that contains an error. My sister is allergic with peanuts, so be cautious when preparing her meal.				
Ans A). so be cautious	B). when preparing her meal.	C). allergic with peanuts	D). My sister is	Correct Answer: C
Q.6 Select the most appropriate ANTONYM of the word in brackets to fill in the blank. The mountain peak offers a breathtaking view, a striking contrast to the _____ (peculiar) scenery below.				
Ans A). beautiful	B). ordinary	C). abnormal	D). odd	Correct Answer: B

Q.7	Select the most appropriate synonym of the given word. Regal			
Ans	A). Majestic	B). Ordinary	C). Modest	D). Humble
Correct Answer: A				
Q.8	Select the most appropriate meaning of the underlined idiom. The poet had to <u>draw on his fancy</u> to write all his sonnets.			
Ans	A). use his clothes	B). use his memory	C). use his imagination	D). use his money
Correct Answer: C				
Q.9	Select the most appropriate ANTONYM of the word 'opacity' in the given sentence. The diminishing and deteriorating visibility in winter leads to the revival of accident cases on the highway.			
Ans	A). visibility	B). diminishing	C). revival	D). deteriorating
Correct Answer: A				
Q.10	Select the option that rectifies the INCORRECTLY spelt word in the given sentence. She tried not to embarras her friend by bringing up the awkward incident at the party.			
Ans	A). embarress	B). emberrass	C). embarrass	D). embarrass
Correct Answer: D				
Q.11	Parts of the following sentence have been given as options. Select the option that contains an error. Shyam approached an leading psychologist for his treatment of anxiety and depression.			
Ans	A). for his treatment	B). of anxiety and depression.	C). an leading psychologist	D). Shyam approached
Correct Answer: C				
Q.12	The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Our team lost the game / only because of / a mistake / with one of our players.			
Ans	A). Our team lost the game	B). with one of our players	C). only because of	D). a mistake
Correct Answer: B				
Q.13	Select the most appropriate option to substitute the underlined segment in the given sentence. Ramgopal <u>is having</u> a very big house in Mumbai.			
Ans	A). having	B). have	C). has	D). were having
Correct Answer: C				
Q.14	Select the most appropriate option to fill in the blank. Her presentation was both informative and _____.			
Ans	A). entertainer	B). entertain	C). entertainingly	D). entertaining
Correct Answer: D				
Q.15	Select the most appropriate article to fill in the blank. Select 'no article' if no article is required. The doctor asked the patient to have _____ MRI scan of his brain.			
Ans	A). an	B). a	C). no article	D). the
Correct Answer: A				
Q.16	In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative. They had a <u>least</u> celebration on her birthday.			
Ans	A). less	B). most less	C). little	D). lesser
Correct Answer: C				
Q.17	Select the option that can be used as a one-word substitute for the given phrase. A person who does not believe in the institution of marriage			
Ans	A). Nihilist	B). Misogamist	C). Masochist	D). Misogynist
Correct Answer: B				
Q.18	Select the most appropriate meaning of the underlined word. The <u>board</u> will look into the matter.			
Ans	A). A union of workers	B). A member of a family	C). A group of members of a company	D). A group of elected politicians
Correct Answer: C				
Q.19	Select the INCORRECTLY spelt word.			
Ans	A). Unnecessary	B). Argument	C). Misinterpret	D). Exagerate
Correct Answer: D				

A) Occasion
B) Privilege
C) Bizzare
D) Definitely

Correct Answer: A

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

SubQuestion No : 21

Correct Answer: C

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

SubQuestion No : 22

Correct Answer: A

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

SubQuestion No : 23

Correct Answer: B

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

SubQuestion No : 24

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.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 25

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

Ans A). itself

B). ourselves

C). themselves

D). herself

Correct Answer: B