

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

Exam Date	14/10/2024
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 The LCM of 140,180 and 240 is:

Ans A). 1008

B). 5000

C). 5040

D). 1680

Correct Answer: C

Q.2 The curved surface area of a cylinder of height 42 cm is 3960 cm^2 . Find its volume. ($\pi = \frac{22}{7}$)

Ans A). 1980 cm^3

B). $27,900 \text{ cm}^3$

C). $19,800 \text{ cm}^3$

D). $29,700 \text{ cm}^3$

Correct Answer: D

Q.3 A sum of money invested at simple interest becomes 5 times in 12 years. How many times will it become in 27 years?

Ans A). 12

B). 9

C). 10

D). 11

Correct Answer: C

Q.4 If $x : 6 :: 6 : y$ and $x : y :: y : 6$, then which of the options below gives the correct values of x and y in that order?

Ans A). 6 and 6

B). 12 and 12

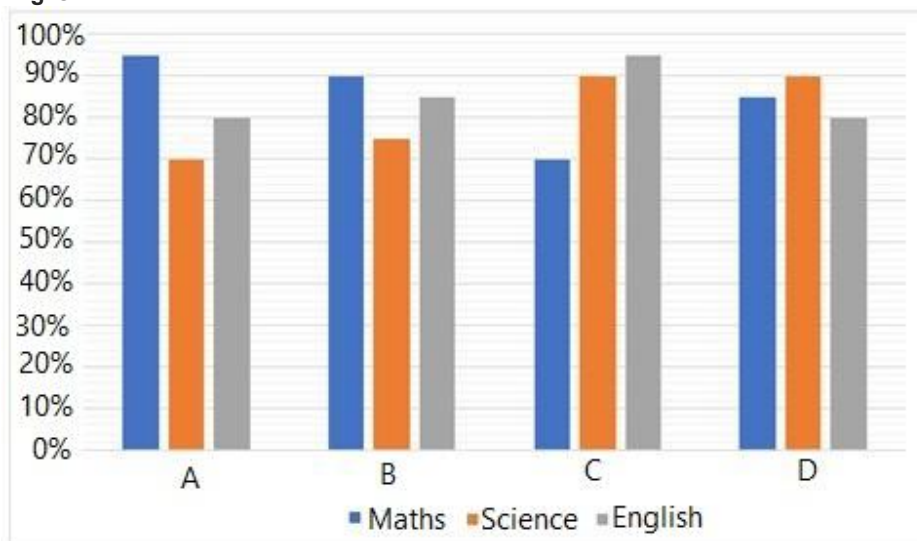
C). 6 and 12

D). 12 and 6

Correct Answer: A

Q.5 Study the given bar graph and answer the question that follows.

The bar graph given below shows the percentage of marks obtained by four students A, B, C and D in Maths, Science and English.



If the full marks in Maths are 150, Science are 100 and English are 140, then find the total marks obtained by Student B in Maths and Student A in English.

Ans A). 257

B). 247

C). 275

D). 250

Correct Answer: B

Q.6	A medicine capsule is shaped like a cylinder with two hemispheres attached to each of its ends. The length of the entire capsule is 15 mm, and its diameter is 6 mm. Calculate the surface area (in mm², rounded to the nearest integer) of the capsule. (Use $\pi = \frac{22}{7}$)			Ans A). 286	B). 283	C). 289	D). 280	Correct Answer: B
Q.7	Two stations A and B are 1800 km apart. A train starts from A towards B at 7 A.M. at a speed of 100 km/h. Another train starts from B towards A at 8 A.M. on the same day at a speed of 325 km/h. At what time will they cross each other?			Ans A). 12 P.M.	B). 11 A.M.	C). 3 P.M.	D). 9 A.M.	Correct Answer: A
Q.8	The average weight of 20 boys in a class is 65 kg and that of remaining 35 boys is 32 kg. What is the average weight of all the boys in the class?			Ans A). 56 kg	B). 44 kg	C). 46 kg	D). 48 kg	Correct Answer: B
Q.9	A policeman sees a thief at a distance of 100 m and starts chasing him at a speed of 6 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). 500	B). 300	C). 600	D). 400	Correct Answer: A
Q.10	Out of 8 lecturers of a college, one lecturer retires and at his place a new lecturer of age 32 years joins. As a result, the average age of lecturers is reduced by 4 years. The age of the retired lecturer is:			Ans A). 64 years	B). 63 years	C). 65 years	D). 62 years	Correct Answer: A
Q.11	The length and breadth of a rectangular field are in the ratio 3 : 2. If the area of the field is 3456 m², then the cost of fencing the field at ₹3.50 per metre is:			Ans A). Rs. 240	B). Rs. 420	C). Rs. 480	D). Rs. 840	Correct Answer: D
Q.12	By selling an article for ₹19, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 50%?			Ans A). 8.91	B). 9.91	C). 6.91	D). 7.91	Correct Answer: C
Q.13	The cost price of 20 articles is the same as the selling price of 15 articles. The profit percentage in the transaction is:			Ans A). $33\frac{1}{3}\%$	B). 25%	C). 50%	D). 30%	Correct Answer: A
Q.14	What sum (in ₹) will earn a simple interest of ₹240 in 3 years at 8% per year rate of interest?			Ans A). 1500	B). 1000	C). 500	D). 2000	Correct Answer: B
Q.15	What sum (in ₹) will earn a simple interest of ₹240 in 3 years at 4% per year rate of interest?			Ans A). 4000	B). 3000	C). 1000	D). 2000	Correct Answer: D
Q.16	In what ratio must a shopkeeper mix two types of rice worth ₹60/kg and ₹80/kg, respectively, so that, the average cost of the mixture is ₹75/kg?			Ans A). 3 : 4	B). 2 : 3	C). 1 : 3	D). 1 : 2	Correct Answer: C
Q.17	A tradesman marks his goods 30% more than the cost price. If he allows a discount of $6\frac{1}{4}\%$, then his gain percentage is:			Ans A). $22\frac{3}{4}\%$	B). 21%	C). $21\frac{7}{8}\%$	D). 22%	Correct Answer: C

Q.18 Study the table and answer the question that follows.

Measured on birthday	Height of the child (in cm)
3 rd	90
4 th	100
5 th	108
6 th	115
7 th	125
8 th	130
9 th	140
10 th	150
11 th	162
12 th	170
13 th	178
14 th	184
15 th	190

What was the percentage increase in the height of the child from the 7th birthday to the 10th birthday?

Ans A). 10%

B). 20%

C). 15%

D). 25%

Correct Answer: B

Q.19 Due to a fault in the voting machine, the invalid votes are counted in votes of the candidate B, who gets 5 times the invalid votes. A gets the votes 8 times the invalid votes and wins the election by 28. What is the total number of votes polled?

Ans A). 168

B). 184

C). 196

D). 176

Correct Answer: C

Q.20 The average of five numbers, where the difference between any two consecutive numbers is 5, is 215. Find the least number.

Ans A). 225

B). 215

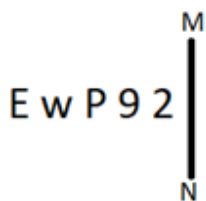
C). 220

D). 205

Correct Answer: D

Section : Reasoning Ability and Problem Solving

Q.1 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.2 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 bars are clubs.

Some bars are gyms.

Conclusions:

(I) Some clubs are gyms.

(II) Some gyms are not bars.

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

Correct Answer: D

Q.3 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '×' and '-' are interchanged?
 $18 \div 6 + 2 - 3 \times 4 = ?$

Ans A). 38

B). 32

C). 26

D). 23

Correct Answer: D

Ans A). 7 B). 5 C). 1 D). 9 **Correct Answer: C**

D).

Correct Answer: D

Ans A). 115 B). 105 C). 101 D). 110 **Correct Answer: A**

Ans A). 3 B). 5 C). 6 D). 4 **Correct Answer: C**

Ans A). MO 20 B). MO 19 C). NM 19 D). MN 20 **Correct Answer: A**

Ans A). 68 B). 69 C). 71 D). 72 **Correct Answer: A**

Ans A). 9 B). 3 C). 2 D). 5 **Correct Answer: A**

Ans A). 6 B). 30 C). 27 D). 12 **Correct Answer: D**

Q.13 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ESG, GTK, IUO, KVS, ?

Ans A). MWW

B). MWX

C). NWX

D). NWW

Correct Answer: A

Q.14 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

C	3	3	C	T	□	□	T	
L	□	O	L	3	C	O	3	?
O	T	T	□	O	L	L	C	

Ans

Correct Answer: B

A).

O	3
L	C
□	T

B).

L	C
□	T
O	3

C).

L	3
□	C
O	T

D).

C	L
□	T
3	O

Q.15 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:

A. Some guns are swords.

B. All swords are onions.

Conclusions:

I. All guns are onions.

II. Some guns are swords.

Ans A). None of the conclusions follow.

B). Both the conclusions follow.

C). Only conclusion I follows.

D). Only conclusion II follows.

Correct Answer: D

Q.16 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). C is sitting to the immediate right of B. E is sitting third to the left of B. D is the immediate neighbour of E and F. A is sitting to the immediate right of C.

What is the position of G with respect to B?

Ans A). Second to the left

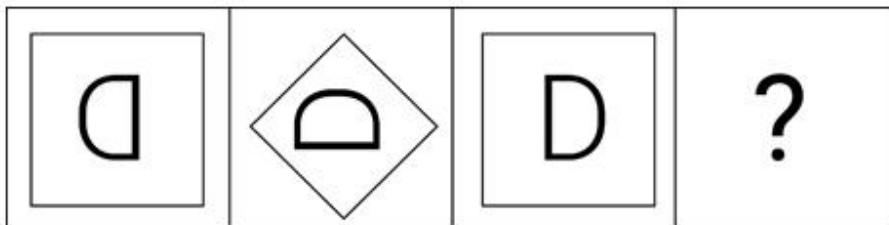
B). Second to the right

C). Third to the right

D). To the immediate left

Correct Answer: C

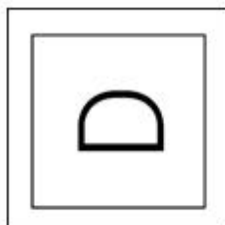
Q.17 Identify the figure from the given options that can replace the question mark (?) and logically complete the series.



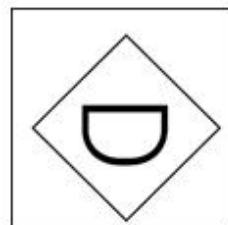
Ans

Correct Answer: B

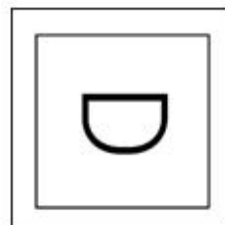
A).



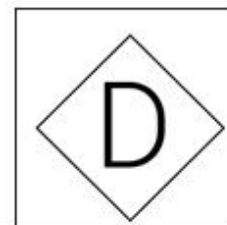
B).



C).



D).



Q.18 18 is related to 60 following a certain logic. Following the same logic, 42 is related to 140. To which of the following is 33 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). 110

B). 95

C). 130

D). 80

Correct Answer: A

Q.19	What should come in place of the question mark (?) in the given series?
	6, ?, 7, 10, 8, 11
Ans	A). 5 B). 8 C). 12 D). 9 Correct Answer: D
Q.20	BI 2 is related to EF 5 in a certain way. In the same way, KR 8 is related to NO 11. To which of the following is TI 3 related, following the same logic?
Ans	A). WG 6 B). WF 6 C). WF 8 D). WG 8 Correct Answer: B

Section : General Awareness	
Q.1	Which Chapter of Part VI of the Indian Constitution is concerned with the State Legislatures?
Ans	A). Chapter II B). Chapter III C). Chapter V D). Chapter VII Correct Answer: B
Q.2	Which of the following dance forms is inspired by the sculptures of the ancient temple of Chidambaram?
Ans	A). Bharatanatyam B). Kuchipudi C). Sattriya D). Manipuri Correct Answer: A
Q.3	As per Census of India 2011, which of the following states has the highest percentage of urban population in India?
Ans	A). Maharashtra B). Tamil Nadu C). Mizoram D). Gujarat Correct Answer: C
Q.4	In Jain Basti temple of Karnataka, over the garbhagriha is raised a _____ storied nirandhara vimana with a square griva and sikhara.
Ans	A). eleven B). five C). three D). seven Correct Answer: B
Q.5	With which of the following festivals does the five-day long festival of Diwali end?
Ans	A). Narak Chaturdashi B). Govardhan Puja C). Bhai Dooj D). Dhanteras Correct Answer: C
Q.6	In 1974, MS Subbulakshmi became the first Indian musician to win _____.
Ans	A). Grammy Award B). Right Livelihood Award C). Ramon Magsaysay Award D). Pulitzer Prize Award Correct Answer: C
Q.7	Seleucus Nicator was a contemporary of _____.
Ans	A). Chanakya B). Kanishka C). Ashoka D). Kalashoka Correct Answer: A
Q.8	With which of the following Amendment Acts of the Indian Constitution was 11th Fundamental Duty added?
Ans	A). 42 nd B). 86 th C). 70 th D). 53 rd Correct Answer: B
Q.9	In November 2023, who was re-appointed as the Chairman of the Armed Forces Tribunal?
Ans	A). Justice Rajendra Menon B). Justice Sharad Arvind Bobde C). Justice RF Nariman D). Justice NV Ramana Correct Answer: A
Q.10	Neville Steven Joseph D'Souza is associated with which game?
Ans	A). Football B). Kabaddi C). Wrestling D). Tennis Correct Answer: A
Q.11	Which of the two following countries were formed as a result of the partition of India?
Ans	A). India and Sri Lanka B). India and Pakistan C). India and Bangladesh D). India and Nepal Correct Answer: B
Q.12	'Straight from the Heart' is an autobiography of the famous cricketer _____.
Ans	A). Sunil Gavaskar B). Madan Lal C). Kapil Dev D). Mohinder Amarnath Correct Answer: C
Q.13	What is the stump height of a cricket wicket as per international standards?
Ans	A). 28 inches B). 29 inches C). 30 inches D). 31 inches Correct Answer: A
Q.14	The Permanent Settlement introduced by Cornwallis was NOT prevalent in which of the following regions of India?
Ans	A). Bengal B). Bihar C). Odisha D). Punjab Correct Answer: D

Q.15	According to the advancing of monsoon in India, which of the following cities receives rainfall after 15 June every year?			
Ans	A). Jaipur	B). Imphal	C). Bengaluru	D). Hyderabad
	Correct Answer: A			
Q.16	Which of the following sultans of Delhi set up three different markets for different commodities in Delhi?			
Ans	A). Ghiyasuddin Balban	B). Sikandar Lodi	C). Muhammad Bin Tughlaq	D). Alauddin Khalji
	Correct Answer: D			
Q.17	Who among the following dancers won the prestigious Padma Shree award in the year 2021, for her contribution to folk dance?			
Ans	A). Matha B Manjamma Jogathi	B). Amubi Singh	C). Kumudini Lakhia	D). Teejan Bai
	Correct Answer: A			
Q.18	Which state government of India launched the 'Swanirbhar Nari' aimed at making the weavers of the state self-reliant?			
Ans	A). Bihar	B). Chhattisgarh	C). Jharkhand	D). Assam
	Correct Answer: D			
Q.19	Which Article of the Constitution of India governs the Population Census?			
Ans	A). Article 179	B). Article 246	C). Article 233	D). Article 128
	Correct Answer: B			
Q.20	Bhakra Dam is built on which of the following rivers?			
Ans	A). Satluj	B). Chenab	C). Ravi	D). Beas
	Correct Answer: A			
Q.21	The zone where the earthquake waves are not observed is called:			
Ans	A). Benthic Zone	B). Hypocentre	C). Shadow Zone	D). Epicentre
	Correct Answer: C			
Q.22	Identify the primary characteristic of the Cooperative Development Foundation (CDF) model of SHGs regarding its focus on membership from the following.			
Ans	A). It exclusively targets poor members. B). It excludes women from membership. C). It includes both poor and non-poor members. D). It exclusively targets non-poor members.			
	Correct Answer: C			
Q.23	The number of organisms in the population divided by a regular unit of area or volume is called _____.			
Ans	A). death rate	B). population size	C). population density	D). birth rate
	Correct Answer: C			
Q.24	Select the INCORRECT statement from the following.			
Ans	A). Boiling is a bulk phenomenon. B). Both boiling and evaporation are bulk phenomena. C). Evaporation is a surface phenomenon. D). Evaporation causes cooling.			
	Correct Answer: B			
Q.25	The iodine value of oil and fat indicates:			
Ans	A). degree of unsaturation B). degree of saturation C). number of iodine atoms present D). number of C atoms present			
	Correct Answer: A			

Section : English Language and Comprehension

Q.1	Identify the spelling error in the given sentence.			
	The restaurant offered a diverse menu with a wide rengen of culinary options.			
Ans	A). restaurant	B). diverse	C). options	D). rengen
	Correct Answer: D			
Q.2	Select the most appropriate option to fill in the blank.			
	The charismatic leader's speeches were known for their _____ impact on motivating people to take positive actions.			
Ans	A). frugal	B). profound	C). doldrums	D). impenitence
	Correct Answer: B			
Q.3	Select the most appropriate option to fill in the blank.			
	The Kumbh Mela (the festival of the sacred Pitcher) is the world's biggest peaceful gathering of pilgrims, with participants bathing or taking the dip in the _____ river.			
Ans	A). depth	B). profane	C). sacred	D). shallow
	Correct Answer: C			
Q.4	Select the option that rectifies the given sentence.			
	She runs very quick in marathons.			
Ans	A). She run very quick in marathons. B). She runs very quickly in marathons. C). She run much quickly in marathons. D). She runs much quickl in marathons.			
	Correct Answer: B			

Q.5 Which of the following sentences contains an error in the use of a phrasal verb? Ans A). The old lady broke down when she heard her son lost his job. B). Try your level best before you decide to give up. C). Make over the bed daily. It is a good habit. D). Clean out the backyard this weekend. Correct Answer: C
Q.6 Select the option that expresses the given sentence in present perfect continuous tense form Rama is working on this project. Ans A). Rama has been working on this project since six months. B). Rama has worked on this project for six months C). Rama is working on this project for six months. D). Rama has been working on this project for six months. Correct Answer: D
Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. He climbed of / the steep mountain trail, / his backpack heavy / with supplies for the journey. Ans A). with supplies for the journey. B). his backpack heavy C). the steep mountain trail, D). He climbed of Correct Answer: D
Q.8 Select the most appropriate meaning of the given word. Fragile Ans A). Florid B). Juicy C). Strong D). Brittle Correct Answer: D
Q.9 Select the most appropriate idiom that can substitute the underlined segment in the given sentence. Lisa was very excited about her promotion; she was <u>very happy and delighted</u>. Ans A). on the ball B). on the attack C). on cloud nine D). under the weather Correct Answer: C
Q.10 Select the most appropriate synonym that can substitute the underlined word in the given sentence. The author's writing was so captivating that readers were <u>enthralled</u> by every word. Ans A). jaded B). annoyed C). fascinated D). bored Correct Answer: C
Q.11 Select the most appropriate meaning of the given idiom. Brought to light Ans A). To seem likely B). To burn C). In favour of D). To disclose Correct Answer: D
Q.12 Select the option that can be used as one-word substitute for the given group of words. Detailed examination of something complex Ans A). Dialysis B). Synthesis C). Symbiosis D). Analysis Correct Answer: D
Q.13 Select the most appropriate meaning of the given idiom. A dime a dozen Ans A). Very common B). Very rare C). To take revenge D). To be in a difficult situation Correct Answer: A
Q.14 Select the most appropriate synonym of the given word. Illicit Ans A). Illegal B). Integral C). Inessential D). Inaugural Correct Answer: A
Q.15 Select the INCORRECTLY spelt word. "The architekture of the building is marvellous", said the spectators. Ans A). Marvellous B). Spectators C). Architekture D). Building Correct Answer: C
Q.16 Select the most appropriate synonym of the given word to fill in the blank. Averted Rohit _____ looking at Sheena's face while we were talking about domestic violence. Ans A). avoided B). saw C). confronted D). fostered Correct Answer: A
Q.17 Select the correct spelling from the given options to fill in the blank. They may vary and seem very different, but they are not _____. Ans A). irreconcilable B). irrecincilable C). irrecosilable D). ireconcilable Correct Answer: A

Q.18 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
The table looks proper in the centre than in the corner.

Ans A). most proper B). properer C). properly D). more proper

Correct Answer: D

Q.19 The following sentence contains an error. Select the option that correctly rectifies the error.

Along with his friend, he walked till the end of the street and came back immediately.

Ans A). he walked to the B). for came back immediately C). Near with his friend, D). end by the street

Correct Answer: A

Q.20 Select the most appropriate synonym of the given word.

Odious

Ans A). Pleasant B). Acceptable C). Repugnant D). Beautiful

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 21

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

Ans A). would have travelled B). have been travelling C). has been travelling D). will be travelling

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 22

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

Ans A). will have covered B). has covered C). had been covered D). was covered

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 23

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

Ans A). Visit B). Visiting C). Moved D). Moving

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 24

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

Ans A). explore B). to be explored C). exploring D). having explored

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 25

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

Ans A). going B). went C). go D). gone

Correct Answer: B