Multi Tasking Non Technical Staff Havaldar CBIC and CBN Exam 2021

Roll Number	
Candidate Name	
Venue Name	
Exam Date	07/07/2022
Exam Time	9:00 AM - 10:30 AM
Subject	MTS Non technical and Havaldar Examination 2021

Section : General English

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The playground was way <u>large then I had</u> imagined, and in cleaning it, my back began to ache.

Ans ✓ 1. larger than I had

✗ 2. No substitution required

✗ 3. largest to what I have

✗ 4. large then I have

Question ID : 26433051160
Status : Answered
Chosen Option : 1

Q.2 Select the most appropriate meaning of the given idiom.

To foot the bill

Ans ✗ 1. To reveal a secret

✗ 2. To be friendly

✗ 3. To hold grudges

✓ 4. To make payment

Question ID : 26433051767
Status : Answered
Chosen Option : 4

Q.3 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

<u>Shall you pass</u> me that pasta bowl?

Ans ✗ 1. Shall pass you

✓ 2. Can you pass

✗ 3. Could passing you

✗ 4. No improvement required

Question ID : 26433050665
Status : Answered
Chosen Option : 2

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He had begun to dig / diligent along the / low tideline and had / captured two clams.

Ans ✗ 1. captured two clams

✗ 2. low tideline and had

✓ 3. diligent along the

✗ 4. He had begun to dig

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

I _____ your remaining project if you get groceries for me from the market.

Ans ✗ 1. would do

✓ 2. will do

✗ 3. will have done

✗ 4. would have done

Q.6 Select the correctly spelt word.

Ans ✗ 1. Magestic

✗ 2. Flexibal

✓ 3. Stringent

✗ 4. Faltoring

Q.7 Select the most appropriate option to fill in the blank.

Which _____ should I take to reach the railway station?

Ans ✗ 1. root

✓ 2. route

✗ 3. rote

✗ 4. riot

Q.8 Select the most appropriate option to fill in the blank.

Writing books about how to _____ on the internet seems like a great idea.

Ans ✗ 1. make a promise

✓ 2. make a fortune

✗ 3. make a habit

✗ 4. make a list

Q.9 Select the most appropriate option to fill in the blank.
I can't control my _____ these days because I got selected for a job.

Ans ✗ 1. casualness

✗ 2. nepotism

✗ 3. pollution

✓ 4. excitement

Q.10 Select the most appropriate option to fill in the blank.

The Lebanese army raided the boat and _____ dozens of water bottles, tuna cans, loaves of bread, boxes of Picon cheese and life jackets.

Ans ✓ 1. discovered

✗ 2. learnt

✗ 3. created

✗ 4. invented

Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.

My elder brother is so innocent that winning an argument against him is like <u>shooting fish in a barrel.</u>

Ans ✗ 1. Indulge in an illegal activity

✓ 2. Exceptionally easy to do

✗ 3. Asking for charity

✗ 4. Making someone uneasy

Q.12 Select the most appropriate synonym of the given word.

Sacred

Ans ✓ 1. Consecrated

✗ 2. Submissive

✗ 3. Passionate

✗ 4. Adamant

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The study of different skin diseases

Ans ✗ 1. Neurology

✓ 2. Dermatology

✗ 3. Psychology

✗ 4. Radiology

Q.14 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

It has been my great misfortune <u>to follow a speech more notable</u> for its volume than for any sense.

Ans ✓ 1. following a speech most notable

✗ 2. No improvement required

✗ 3. to follow a speech much notable

✗ 4. to have being following a speech more notable

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

One who is hostile and violent

Ans ✗ 1. Idle

✓ 2. Aggressive

✗ 3. Legendary

✗ 4. Agreeable

Q.16 Select the most appropriate synonym of the given word.

Plausible

Ans   ✗ 1. irresistible

     ✗ 2. Irrational

     ✗ 3. Untenable

     ✓ 4. Credible

Q.17 Select the correctly spelt word.

Ans   ✓ 1. Exploitation

     ✗ 2. Conversatian

     ✗ 3. Reveneue

     ✗ 4. Pashion

Q.18 Select the most appropriate ANTONYM of the given word.

Hilarious

Ans   ✗ 1. Ridiculous

     ✗ 2. Pretentious

     ✗ 3. Usual

     ✓ 4. Humourless

Q.19 Parts of the following sentence have been given as options. 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.

A significant number of students volunteers each year for environmental projects.

Ans   ✓ 1. volunteers each year for

     ✗ 2. No error

     ✗ 3. A significant number of students

     ✗ 4. environmental projects

Q.20 Parts of the following sentence have been given as options. One of them contains an error. Select the part that contains the error from the given options.

Time and technology are two important factor that change substances into resources.

Ans ✗ 1. Time and technology

    ✗ 2. resources

    ✓ 3. factor that

    ✗ 4. two important

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.

Can you (1) _____ a deaf woman writing stories about a war? Well, Laura Redden Searing did this. Moreover, she went to foreign countries to write stories. She was very ill when she was 11 years old. Because of this, she lost her (2) _____. She went to the Missouri School for the Deaf. Laura was 19 years old when she went to work for a newspaper. She wrote about people, places and art. In 1859, most women were just wives and (3) _____. They did not work outside the home; otherwise, their husbands would be angry. Due to this feeling, Laura used a (4) _____ name when she wrote her stories. She called herself Howard Glyndon. She thought that unless she used a masculine name, people would be (5) _____ since they did not think that women should write for newspapers.

SubQuestion No : 21

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

Ans ✗ 1. malign

    ✗ 2. create

    ✗ 3. conjure

    ✓ 4. imagine

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.

Can you (1) _____ a deaf woman writing stories about a war? Well, Laura Redden Searing did this. Moreover, she went to foreign countries to write stories. She was very ill when she was 11 years old. Because of this, she lost her (2) _____. She went to the Missouri School for the Deaf. Laura was 19 years old when she went to work for a newspaper. She wrote about people, places and art. In 1859, most women were just wives and (3) _____. They did not work outside the home; otherwise, their husbands would be angry. Due to this feeling, Laura used a (4) _____ name when she wrote her stories. She called herself Howard Glyndon. She thought that unless she used a masculine name, people would be (5) _____ since they did not think that women should write for newspapers.

SubQuestion No : 22

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

Ans ✓ 1. hearing

✗ 2. suffering

✗ 3. enduring

✗ 4. inspiring

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.

Can you (1) _____ a deaf woman writing stories about a war? Well, Laura Redden Searing did this. Moreover, she went to foreign countries to write stories. She was very ill when she was 11 years old. Because of this, she lost her (2) _____. She went to the Missouri School for the Deaf. Laura was 19 years old when she went to work for a newspaper. She wrote about people, places and art. In 1859, most women were just wives and (3) _____. They did not work outside the home; otherwise, their husbands would be angry. Due to this feeling, Laura used a (4) _____ name when she wrote her stories. She called herself Howard Glyndon. She thought that unless she used a masculine name, people would be (5) _____ since they did not think that women should write for newspapers.

SubQuestion No : 23

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

Ans ✗ 1. artists

✗ 2. writers

✓ 3. mothers

✗ 4. teachers

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.

Can you (1) _____ a deaf woman writing stories about a war? Well, Laura Redden Searing did this. Moreover, she went to foreign countries to write stories. She was very ill when she was 11 years old. Because of this, she lost her (2) _____. She went to the Missouri School for the Deaf. Laura was 19 years old when she went to work for a newspaper. She wrote about people, places and art. In 1859, most women were just wives and (3) _____. They did not work outside the home; otherwise, their husbands would be angry. Due to this feeling, Laura used a (4) _____ name when she wrote her stories. She called herself Howard Glyndon. She thought that unless she used a masculine name, people would be (5) _____ since they did not think that women should write for newspapers.

SubQuestion No : 24

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

Ans ✗ 1. woman's

  ✗ 2. children's

  ✗ 3. adult's

  ✓ 4. man's

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.

Can you (1) _____ a deaf woman writing stories about a war? Well, Laura Redden Searing did this. Moreover, she went to foreign countries to write stories. She was very ill when she was 11 years old. Because of this, she lost her (2) _____. She went to the Missouri School for the Deaf. Laura was 19 years old when she went to work for a newspaper. She wrote about people, places and art. In 1859, most women were just wives and (3) _____. They did not work outside the home; otherwise, their husbands would be angry. Due to this feeling, Laura used a (4) _____ name when she wrote her stories. She called herself Howard Glyndon. She thought that unless she used a masculine name, people would be (5) _____ since they did not think that women should write for newspapers.

SubQuestion No : 25

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

Ans ✗ 1. infantile

  ✗ 2. versatile

  ✓ 3. hostile

  ✗ 4. infertile

Section : General Intelligence and Reasoning

Q.1 After interchanging the given two signs, what will be the value of the following expression?

× and ÷
20 + 5 ÷ 6 × 2 − 5

Ans ✓ 1. 30

✗ 2. 35

✗ 3. 25

✗ 4. 40

Q.2 The IQ of 7 boys B1, B2, B3, B4, B5, B6 and B7 is tested and the values are compared. B2 has a higher IQ than B6. B5 has the third lowest IQ. B4 has a higher IQ than 6 boys. B3 has an IQ less than B2. B1 has a higher IQ than B2. B7 has the least IQ.
Who has the second highest IQ?

Ans ✗ 1. B2

✗ 2. B7

✓ 3. B1

✗ 4. B3

Q.3 Identify the number that does NOT belong to the following series.

49, 98, 196, 394, 784, 1568

Ans ✗ 1. 196

✗ 2. 784

✓ 3. 394

✗ 4. 1568

Q.4 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 T is G.
Some M are T.

Conclusions:
I. No G is T.
II. All M are G.

Ans ✗ 1. Neither conclusion I nor II follows.

✗ 2. Both conclusions I and II follow.

✓ 3. Only conclusion I follows.

✗ 4. Only conclusion II follows.

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.
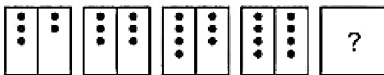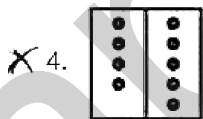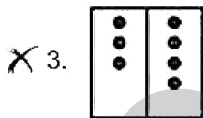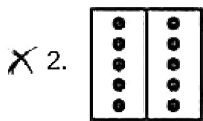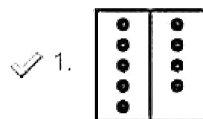
Q.6 Select the figure from the given options that can replace the question mark (?) and complete the pattern.
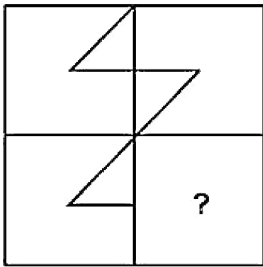
Ans
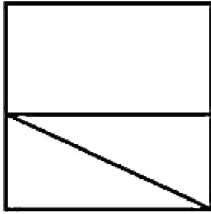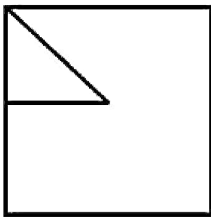
✗ 1.

✗ 2.

✓ 3.

✗ 4.

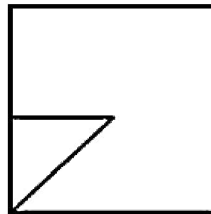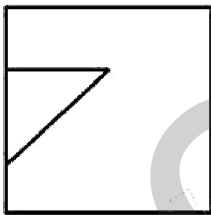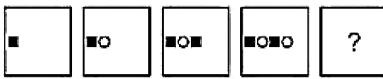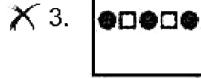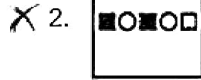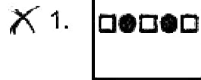**Q.7** Select the figure from among the given options that can replace the question mark (?) in the following series.

| ■ | ■O | ■O■ | ■O■O | ? |

Ans

✗ 1. □●□●□

✗ 2. ■O■O□

✗ 3. ●□●□●

✓ 4. ■O■O■
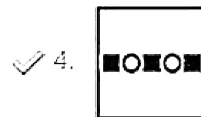
Q.8 Select the option in which the numbers shares the same relationship as that shared by the numbers in the given set.
(132, 186, 240)

(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 /deleting /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 ✗ 1. (124, 158, 202)

✓ 2. (148, 202, 256)

✗ 3. (118, 172, 198)

✗ 4. (142, 176, 194)

Q.9 After interchanging which two signs will the value of the given expression be '35'?

13 + 91 – 3 ÷ 529 × 23

Ans ✗ 1. + and –

✓ 2. × and ÷

✗ 3. × and +

✗ 4. – and ÷

Q.10 8 persons D, E, F, G, H, I, J and K are sitting around a square table, facing towards the centre (not necessarily in the same order). Four persons are sitting at the corners and four persons are sitting at the middle of the sides of the square table. D is sitting at one side and opposite to K. G is sitting at a corner and to the immediate right of D. D is the immediate neighbour of E and G. I is not the immediate neighbour of H. F is sitting at one side and opposite to H.

Who is sitting just diagonally opposite to I?

Ans ✗ 1. K

    ✗ 2. H

    ✗ 3. D

    ✓ 4. E

Q.11 6 persons A, B, C, D, E and F are sitting around a rectangular table, facing towards the centre (not necessarily in the same order). One person is sitting on each of the smaller sides. Two persons are sitting on each of the bigger sides. No person is sitting at the corners. C and F are sitting on the same side. B is sitting opposite to A. F is the immediate neighbour of B. A is sitting second to the left of D.

Counting towards the left of D, how many persons are sitting between A and D?

Ans ✗ 1. Two

    ✗ 2. Three

    ✓ 3. One

    ✗ 4. Zero

Q.12 Select the option that is related to the sixth number in the same way as the first number is related to the second number and the third number is related to the fourth number.

34 : 12 :: 28 : 16 :: ? : 15

Ans ✗ 1. 26

    ✗ 2. 24

    ✗ 3. 32

    ✓ 4. 35

Q.13 Identify the number that does NOT belong to the following series.

14, 21, 63, 378, 3402

Ans   ✓ 1. 3402
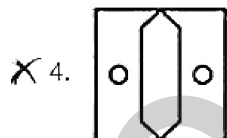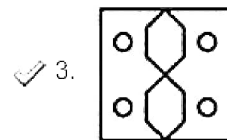
       ✗ 2. 14

       ✗ 3. 21

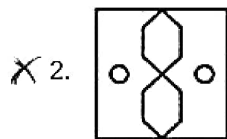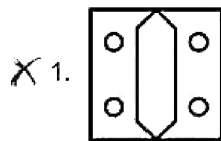   ✗ 4. 378

Q.14 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

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

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.
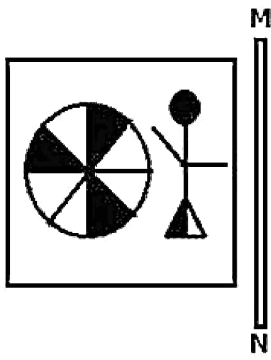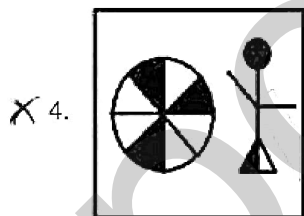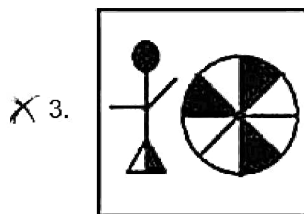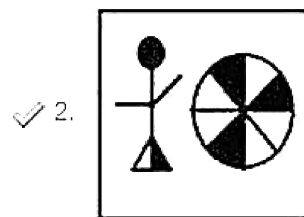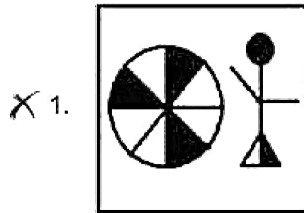
Q.16 In a certain code language, 'POKER' is written as 'IHDXK' and 'FANDS' is written as 'YTGWL'. How will 'AQBCG' be written in that code language?

Ans ✗ 1. TJVVG

✗ 2. TKUVZ

✗ 3. TJVUZ

✓ 4. TJUVZ

Q.17 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

ROP : NMP :: ?

Ans   ✗ 1. TIN : LGV

       ✓ 2. MUG : ESK

       ✗ 3. CRB : DPA

       ✗ 4. LAN : LXJ

Q.18 In a certain code language 'who are you' is written as 'Sue Re Nik', 'they is you' is written as 'Pi Re Sor', and 'they are dangerous' is written as 'Pi Nik Zhi'. What is the code for 'dangerous' in that code language?

Ans   ✗ 1. Sue

       ✗ 2. Nik

       ✗ 3. Pi

       ✓ 4. Zhi

Q.19 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.

Pitch : Cricket :: Court : Badminton :: Ring : ?

Ans   ✗ 1. Football

       ✓ 2. Boxing

       ✗ 3. Hockey

       ✗ 4. Rugby

Q.20 Select the option in which the given figure is embedded (rotation is not allowed).

Ans

✗ 1.

✗ 2.

✗ 3.
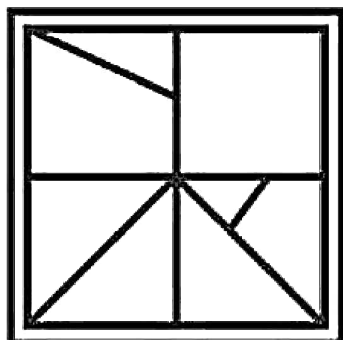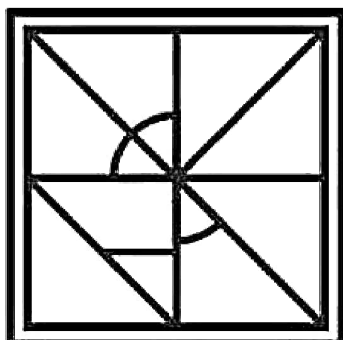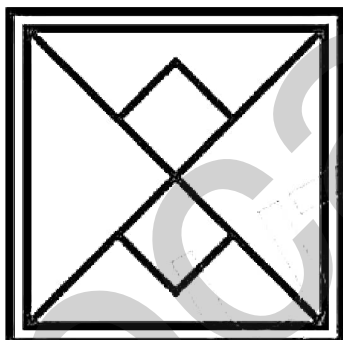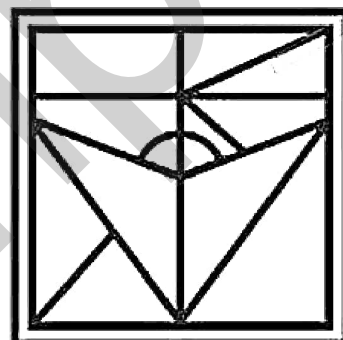
✓ 4.

Q.21 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:
I. All X are B.
II. No C is X.

Conclusions:
I. Some B are not C.
II. All C are B.
III. Some X are C.

Ans   ✓ 1. Only conclusion I follows

     ✗ 2. None of the conclusion follow

     ✗ 3. Only conclusions I and II follow

     ✗ 4. Only conclusions II and III follow

Q.22 In a certain code language, 'random boys talk' is written as '8 3 P', 'talk too much girls' is written as '3 4 2 6'. How will 'talk' be written in that language?

Ans   ✓ 1. 3

     ✗ 2. P

     ✗ 3. 2

     ✗ 4. 8

Q.23 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BOND, FKRZ, JGVV, NCZR, ?

Ans   ✓ 1. RYDN

     ✗ 2. RYDM

     ✗ 3. RXDN

     ✗ 4. RYCN

Q.24 In a certain code language, 'DELHI' is written as 'CDKGH', 'NERVOUS' is written as 'MDQUNTR' and 'SURE' is written as 'RTQD'. What is the code for the word 'MILLION' in that code language?

Ans ✗ 1. HHSKNMK

    ✓ 2. LHKKHNM

    ✗ 3. SKHHALO

    ✗ 4. LADAKHN

Q.25 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PV : MQ :: FB : ?

Ans ✗ 1. CX

    ✗ 2. DW

    ✗ 3. DX

    ✓ 4. CW

Section : Numerical Aptitude

Q.1 The current average age of a family of five members is 24. If the present age of the youngest member in the family is 8 years, what was the average age of the family members just before the birth of this youngest member?

Ans ✗ 1. 24 years

    ✓ 2. 20 years

    ✗ 3. 28 years

    ✗ 4. 16 years

Q.2 The following bar chart shows the number of matches played by a team in 6 consecutive years.
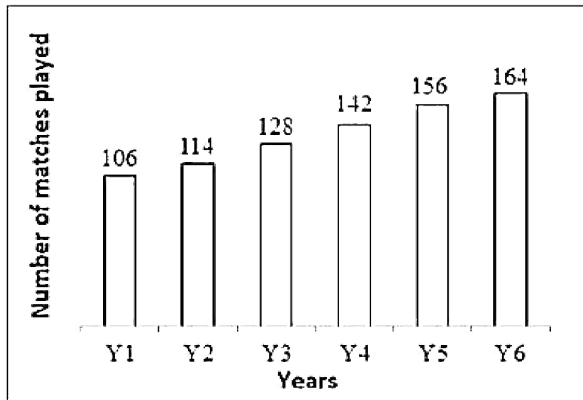
The number of matches played in Y7 will be equal to the average number of matches played in Y3 and Y4. The number of matches played in Y8 will be 20% more than the number of matches played in Y7. How many matches will be played by the team in Y8?

Ans
  ✗ 1. 156
  ✗ 2. 152
  ✗ 3. 168
  ✓ 4. 162

Question ID : 26433049966
Status : Answered
Chosen Option : 4

Q.3 The following pie chart shows the number of cups sold by each of 7 different shops during a given period of time as percentages of the total number of cups sold by these 7 shops taken together during the above-mentioned time period.
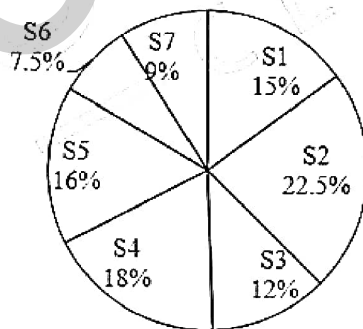
If the number of cups sold by S6 during this period is 165, then how many cups in total are sold during this period by all these 7 shops taken together?

Ans
  ✗ 1. 2400
  ✗ 2. 2000
  ✗ 3. 2600
  ✓ 4. 2200

Question ID : 26433049942
Status : Answered
Chosen Option : 4

Q.4 साधारण ब्याज पर, ₹708 की राशि 4 वर्षों में ₹944 हो जाती है। यदि व्याज की दर में 5% की वृद्धि की जाती है, तो ₹675 की राशि 4 वर्षों में बढ़कर कितनी हो जाएगी?

Ans
- ✗ 1. ₹965
- ✗ 2. ₹1,075
- ✓ 3. ₹1,035
- ✗ 4. ₹1,145

Q.5 The length of each side of a square is twice the radius of a circle. If the radius of the circle is 7 cm, then what is the difference between the areas of the square and the circle? [Use $\pi = \frac{22}{7}$]

Ans
- ✗ 1. 44 cm^2
- ✗ 2. 46 cm^2
- ✓ 3. 42 cm^2
- ✗ 4. 48 cm^2

Q.6 A solution of 45% alcohol is mixed with a solution of 60% alcohol in the ratio of 2 : 3. In what ratio should the resultant solution be mixed with a 72% alcohol solution to get a 66% alcohol solution?

Ans
- ✗ 1. $4 : 7$
- ✗ 2. $1 : 3$
- ✓ 3. $1 : 2$
- ✗ 4. $2 : 3$

Q.7 The value of a stone is proportional to the square of its weight. A stone worth ₹1,20,000 is broken into two pieces in the ratio of 2 : 3. What is the total price of the two small stones?

Ans
- ✗ 1. ₹68,400
- ✓ 2. ₹62,400
- ✗ 3. ₹66,500
- ✗ 4. ₹65,400

Q.8 The side of a square is increased by 25%. What is the percentage increase in its area?

Ans
  ✗ 1. 62.5%

  ✗ 2. 57.5%

  ✗ 3. 50%

  ✓ 4. 56.25%

Q.9 Puneet sold an article for ₹1,750 at a loss of 50%. If Puneet sells the article at loss of 30%, then what will be the selling price?

Ans
  ✗ 1. ₹2,640

  ✗ 2. ₹2,180

  ✓ 3. ₹2,450

  ✗ 4. ₹2,100

Q.10 The traffic lights at 3 different road crossings change after every 48 sec, 72 sec and 108 sec. respectively. If they all change simultaneously at 8:20 a.m., then at what time will they next change again simultaneously?

Ans
  ✓ 1. 8:27:12 a.m.

  ✗ 2. 8:33:32 a.m.

  ✗ 3. 9:12:18 a.m.

  ✗ 4. 8:40:14 a.m.

Q.11 The marked price of an article is ₹840. A shopkeeper gives a discount of 15% on the marked price and still makes a profit of 19%. What is the cost price of the article?

Ans
  ✗ 1. ₹580

  ✗ 2. ₹540

  ✓ 3. ₹600

  ✗ 4. ₹640

Q.12 The average marks of 5 students is 85. If the marks of a new student are also considered, then the average marks becomes 84. What is the marks obtained by the new student?

Ans
✓ 1. 79

✗ 2. 83

✗ 3. 78

✗ 4. 81

Q.13 A bought a bag and a bottle for a total of ₹900. He sold the bottle at a profit of 12% and the bag at a profit of 20%. If he earned a total profit of ₹160.80, then calculate the cost price of the bottle.

Ans
✗ 1. ₹320

✗ 2. ₹300

✗ 3. ₹200

✓ 4. ₹240

Q.14 The length of each side of a square is 15 cm. What is the perimeter of the square?

Ans
✗ 1. 80 cm

✗ 2. 70 cm

✓ 3. 60 cm

✗ 4. 100 cm

Q.15 A can beat B in a 100-metre race by 10 metres. B can beat C in a 100-metre race by 10 metres. What is the ratio (t_A : t_B : t_C), which are the respective times taken by A, B and C to complete the race?

Ans
✗ 1. 100 : 90 : 81

✗ 2. 90 : 81 : 100

✗ 3. 100 : 81 : 90

✓ 4. 81 : 90 : 100

Q.16 The following table shows the number of tables and the number of chairs made of 5 different metals sold by a furniture store over a given time period.

Metal	Tables	Chairs
M1	100	50
M2	150	70
M3	120	40
M4	125	25
M5	200	60

N = Average number of chairs sold per metal

The number of tables sold that were made of metal M3 is approximately what percentage more than N?

Ans

✓ 1. 144. 90%

✗ 2. 166.67%

✗ 3. 122.22%

✗ 4. 188.89%

Q.17 A goldsmith uses 110 cm³ of gold to make a wire 1 mm in diameter. He will use this wire to make gold chains of equal lengths. If each chain requires 56 cm length of wire, then how many gold chains can he make? [Use $\pi = \frac{22}{7}$]

Ans

✗ 1. 320

✓ 2. 250

✗ 3. 160

✗ 4. 210

Q.18 M is inversely proportional to N. If M is 20, then N is 70. If N = 50, then what is the value of M?

Ans

✗ 1. 20

✗ 2. 700

✓ 3. 28

✗ 4. 600

Q.19 A project can be completed by 2 men and 5 women in 8 days while 4 men and 6 women can complete the same project in 5 days. How many men will be required to complete this project in 4 days?

Ans
✓ 1. 8
✗ 2. 10
✗ 3. 9
✗ 4. 12

Q.20 A boat can travel 18 km in 3 hours while going upstream, and 40 km in 4 hours while going downstream. What is the speed of the boat in still water?

Ans
✗ 1. 6 km/h
✓ 2. 8 km/h
✗ 3. 10 km/h
✗ 4. 9 km/h

Q.21 What is the value of $\frac{5}{14}$ of $\frac{7}{12} \div \left[\frac{5}{24} - \left(\frac{1}{6} - \frac{1}{2} - \frac{1}{3} \times \frac{1}{4} \right) \right]$?

Ans
✓ 1. $\dfrac{-1}{6}$

✗ 2. $\dfrac{-2}{5}$

✗ 3. $\dfrac{-3}{4}$

✗ 4. $\dfrac{-1}{8}$

Q.22 What is the value of $\dfrac{0.6 \times 0.6 \div 0.3 - 0.2 \times 0.3 - 0.6}{0.1 \times 0.2 \div 0.4}$?

Ans ✗ 1. 15.2

✗ 2. 14.6

✓ 3. 13.2

✗ 4. 12.5

Q.23 A camp of 150 soldiers has food for 400 days. After 50 days, 100 more soldiers join the camp. For how many days will the food last from then onwards?

Ans ✗ 1. 250 days

✓ 2. 210 days

✗ 3. 230 days

✗ 4. 220 days

Q.24 There are two numbers 'x' and 'y'. 40% of 'x' is equal to 60% of 'y'. If the average of 'x' and 'y' is 225, then what is the difference between 'x' and 'y'?

Ans ✗ 1. 85

✗ 2. 80

✗ 3. 75

✓ 4. 90

Q.25 Mohan invested ₹5,000 in a bank which offered interest at the rate of 10% per year compounded semi-annually. How much amount will he get after 2 years? [Give your answer correct to the nearest integer value.]

Ans ✗ 1. ₹6,512

✗ 2. ₹6,320

✗ 3. ₹6,250

✓ 4. ₹6,078

Q.1 Hariprasad Chaurasia is a _____ player.

Ans ✓ 1. flute

✗ 2. mandolin

✗ 3. shehnai

✗ 4. guitar

Question ID : 26433047736
Status : **Answered**
Chosen Option : **1**

Q.2 In which year did Bhagat Singh and BK Dutt throw a bomb in the Central Legislative Assembly?

Ans ✗ 1. 1928

✓ 2. 1929

✗ 3. 1930

✗ 4. 1931

Question ID : 26433047333
Status : **Answered**
Chosen Option : **1**

Q.3 As per the 2011 census of India, population density of which of the following states was less than 100 people per square kilometre?

Ans ✗ 1. Himachal Pradesh

✗ 2. Rajasthan

✓ 3. Sikkim

✗ 4. Tripura

Question ID : 26433047605
Status : **Answered**
Chosen Option : **3**

Q.4 If 'u' is the object-distance, 'v' is the image-distance and 'f' is the focal length of a spherical mirror then which of the following is a correct expression for the mirror formula?

Ans ✗ 1. $1/v + 1/u = -1/f$

✗ 2. $1/v - 1/u = 1/f$

✓ 3. $1/v + 1/u = 1/f$

✗ 4. $1/v - 1/u = -1/f$

Question ID : 26433047348
Status : **Answered**
Chosen Option : **4**

Q.5 'Red Light On Gaadi Off' campaign was launched by the government of _____.

Ans ✗ 1. Uttar Pradesh

✗ 2. Haryana

✓ 3. Delhi

✗ 4. Punjab

Question ID : 26433047643
Status : **Answered**
Chosen Option : **3**

Q.6 Who among the following has been ranked as the richest person in the world, as per the Forbes' Real-Time Billionaires list 2022?

Ans ✓ 1. Elon Musk

✗ 2. Jeff Bezos

✗ 3. Bernard Arnault

✗ 4. Warren Buffet

Question ID : 26433047719
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following organisms is responsible for sleeping sickness?

Ans ✗ 1. Algae

✓ 2. Protozoa

✗ 3. Bacteria

✗ 4. Viruses

Question ID : 26433047350
Status : **Answered**
Chosen Option : **2**

Q.8 In which state of India, is the Chapchar Kut festival celebrated?

Ans ✗ 1. Jharkhand

✗ 2. Goa

✓ 3. Mizoram

✗ 4. Kerala

Question ID : 26433047346
Status : **Answered**
Chosen Option : **3**

Q.9 Rainfall is measured by an instrument called the _____.

Ans ✓ 1. rain gauge

✗ 2. barometer

✗ 3. pirani gauge

✗ 4. altimeter

Question ID : 26433047651
Status : **Answered**

Q.10 The temples of Khajuraho are a magnificent example of the _____ of the temple.

Ans   ✗ 1. Vesara style

     ✓ 2. Nagara style

     ✗ 3. Eastern style

     ✗ 4. Dravidian style

Question ID : 26433047647
Status : **Answered**
Chosen Option : **2**

Q.11 'Bhavai' is the traditional theatre form of which Indian state?

Ans   ✓ 1. Gujarat

     ✗ 2. Nagaland

     ✗ 3. Tamil Nadu

     ✗ 4. Karnataka

Question ID : 26433047345
Status : **Answered**
Chosen Option : **1**

Q.12 As per the Union Budget 2022-23, how many new jobs are to be created under the productivity linked incentive scheme in 14 sectors?

Ans   ✓ 1. 60 lakhs

     ✗ 2. 80 lakhs

     ✗ 3. 40 lakhs

     ✗ 4. 20 lakhs

Question ID : 26433047742
Status : **Answered**
Chosen Option : **3**

Q.13 Manuscripts were usually written on:

Ans   ✗ 1. marbles

     ✓ 2. palm leaf

     ✗ 3. tulsi leaves

     ✗ 4. iron

Question ID : 26433047731
Status : **Answered**
Chosen Option : **2**

Q.14 Gatka, a traditional fighting style of the Nihang Sikh warriors, used both for self-defence as well as a sport, has originated from which of the following states of India?

Ans ✗ 1. Gujarat

✗ 2. Rajasthan

✗ 3. Bihar

✓ 4. Punjab

Question ID : 26433046991
Status : Answered
Chosen Option : 2

Q.15 निम्नलिखित में से कौन-सा वृक्ष पर्वतीय वनों में पाया जाता है?

Ans ✗ 1. शीशम

✗ 2. आबनूस

✗ 3. टीक

✓ 4. देवदार

Question ID : 26433047328
Status : Answered
Chosen Option : 2

Q.16 'Total Recall : My Unbelievably True Life Story' is an autobiography of:

Ans ✗ 1. Chris Gayle

✗ 2. Eddie Huang

✗ 3. IK Gujral

✓ 4. Arnold Schwarzenegger

Question ID : 26433047735
Status : Answered
Chosen Option : 1

Q.17 Where are villi present in the human alimentary canal?

Ans ✗ 1. Pancreas

✗ 2. Oesophagus

✗ 3. Stomach

✓ 4. Small intestine

Question ID : 26433047324
Status : Answered
Chosen Option : 4

Q.18 Rajaraja I, the most powerful Chola ruler, became king in _____ C.E.

Ans ✓ 1. 985

✗ 2. 970

✗ 3. 977

✗ 4. 995

Q.19 Guru Bipin Singh was known for which classical dance form?

Ans ✓ 1. Manipuri

✗ 2. Kathak

✗ 3. Bihu

✗ 4. Kathakali

Q.20 The premier iron ore exporting port of India is situated in _____.

Ans ✗ 1. Uttar Pradesh

✓ 2. Goa

✗ 3. Maharashtra

✗ 4. Gujarat

Q.21 Article 43B was inserted as a _____ in the Constitution of India.

Ans ✗ 1. Constitutional body

✗ 2. Fundamental duty

✓ 3. Directive principle of state policy

✗ 4. Fundamental right

Q.22 The Constitution of India states that 'no person shall be eligible for election as President of India unless he has completed the age of _____ years'.

Ans ✗ 1. twenty-five

✗ 2. forty

✓ 3. thirty-five

✗ 4. forty-five

Q.23 If a batsman hits a ball twice other than for the purpose of protecting his wicket or with consent from the opposition then:

Ans ✗ 1. the batsman is given a warning

✗ 2. the ball is declared dead

✓ 3. he is out

✗ 4. a bye of five runs is declared

Question ID : 26433047815
Status : Answered
Chosen Option : 1

Q.24 The Tendulkar Committee Report (2011-2012) was based on _____.

Ans ✗ 1. population growth

✗ 2. commerce

✓ 3. poverty

✗ 4. unemployment

Question ID : 26433046980
Status : Answered
Chosen Option : 3

Q.25 Which of the following pairs of name of battle and year is/are correctly matched?
I. Battle of Buxar – 1764
II. Battle of Plassey – 1757

Ans ✗ 1. Only I

✓ 2. Both I and II

✗ 3. Only II

✗ 4. Neither I nor II

Question ID : 26433047359
Status : Answered
Chosen Option : 2

Multi Tasking Non Technical Staff Havaldar CBIC and CBN Exam 2021

Roll Number	
Candidate Name	
Venue Name	
Exam Date	07/07/2022
Exam Time	1:00 PM - 2:30 PM
Subject	MTS Non technical and Havaldar Examination 2021

Section : General English

Q.1 Parts of the following sentence have been given as options. 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.

At seven began the education that was to making the young boy a citizen and a soldier.

Ans ✗ 1. No error

✗ 2. At seven began the education

✗ 3. boy a citizen and a soldier

✓ 4. that was to making the young

Q.2 Select the most appropriate ANTONYM of the given word.

Steady

Ans ✗ 1. Tabular

✓ 2. Shaky

✗ 3. Dedicate

✗ 4. Constant

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

He admonished his listeners _____ their wicked ways.

Ans ✗ 1. changes

✗ 2. changed

✓ 3. to change

✗ 4. change

Q.4 Select the most appropriate meaning of the underlined idiom in the given sentence.

I want you to give me this contract <u>in black and white.</u>

Ans ✓ 1. in writing

✗ 2. quickly

✗ 3. in the morning

✗ 4. at night

Question ID : 26433050543
Status : Answered
Chosen Option : 1

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

I am not going to buy _____ toys for you.

Ans ✗ 1. them

✓ 2. these

✗ 3. they

✗ 4. this

Question ID : 26433050605
Status : Answered
Chosen Option : 2

Q.6 Select the correctly spelt word.

Ans ✓ 1. Suddenly

✗ 2. Sudenly

✗ 3. Sudenlly

✗ 4. Suddenlly

Question ID : 26433050546
Status : Answered
Chosen Option : 1

Q.7 Select the INCORRECTLY spelt word.

Ans ✗ 1. Nascent

✗ 2. Malleable

✓ 3. Dissiminate

✗ 4. Obsequious

Question ID : 26433051614
Status : Answered
Chosen Option : 4

Q.8 Select the most appropriate word for the given group of words.

A cage for small animals

Ans ✗ 1. Cave

✓ 2. Hutch

✗ 3. Shed

✗ 4. Hut

Q.9 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Getting a good night's sleep <u>has a positively effect</u> on our wellbeing.

Ans ✗ 1. have a positively affect

✓ 2. has a positive effect

✗ 3. No improvement required

✗ 4. has a positive affects

Q.10 Select the most appropriate option to fill in the blank.

My sister treats me well in the morning but at night she becomes _____.

Ans ✗ 1. eloquent

✓ 2. awful

✗ 3. exemplary

✗ 4. acceptable

Q.11 Select the most appropriate synonym of the given word.

Gloomy

Ans ✓ 1. Depressing

✗ 2. Comfortable

✗ 3. Bright

✗ 4. Intrepid

Q.12 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

<u>Many an old story were retold,</u> and ancient conundrum repeated.

Ans ✓ 1. Many an old story was retold

✗ 2. Many old story were retold

✗ 3. Many an old stories were retold

✗ 4. No improvement required

Q.13 Select the most appropriate meaning of the given idiom.

Long in the tooth

Ans ✗ 1. Too uncomfortable for words

✓ 2. Too old to do something

✗ 3. Too wise for people

✗ 4. Extremely dangerous

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

One who is not sure about God's existence

Ans ✓ 1. Agnostic

✗ 2. Anchor

✗ 3. Pantheist

✗ 4. Haggard

Q.15 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Scientific discoveries <u>is often result</u> of hard work by many people.

Ans ✗ 1. No improvement required

✗ 2. is often resulting

✗ 3. are often resulted

✓ 4. are often the result

Q.16 Select the most appropriate option to fill in the blank.

The US has become far more _____ to people with all kinds of food sensitivities and diet regimens.

Ans ✗ 1. deviated

✗ 2. lodging

✗ 3. selective

✓ 4. accommodating

Q.17 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.

Frank has being making / the rounds, advancing a theory / that I believe is not without merit.

Ans ✗ 1. the rounds, advancing a theory

✗ 2. No error

✓ 3. Frank has being making

✗ 4. that I believe is not without merit

Q.18 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.

Whatever a writer puts / into a story probably comes with / his own life experience.

Ans ✓ 1. with his own life experience

✗ 2. No error

✗ 3. into a story probably comes

✗ 4. Whatever a writer puts

Q.19 Select the most appropriate synonym of the underlined word in the given sentence.

He was <u>critically</u> injured in the accident.

Ans ✗ 1. Favourably

✓ 2. severely

✗ 3. trivially

✗ 4. Confidently

Q.20 Select the most appropriate option to fill in the blank.

All of my efforts to save her life have gone in _____.

Ans   ✓ 1. vain

     ✗ 2. vein

     ✗ 3. van

     ✗ 4. vane

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.

In its 47 years of history, ISRO (1) _____ breakthrough work in the field of technology and even (2) _____ many vehicles into space. (3) _____ the last 47 years, ISRO has improvised and developed technology, launching (4) _____ indigenously created vehicles into space (5) _____ form a part of the Indian space journey.

SubQuestion No : 21

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

Ans   ✗ 1. done

     ✗ 2. do

     ✓ 3. has done

     ✗ 4. does

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.

In its 47 years of history, ISRO (1) _____ breakthrough work in the field of technology and even (2) _____ many vehicles into space. (3) _____ the last 47 years, ISRO has improvised and developed technology, launching (4) _____ indigenously created vehicles into space (5) _____ form a part of the Indian space journey.

SubQuestion No : 22

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

Ans   ✗ 1. blocked

     ✗ 2. stocked

     ✓ 3. launched

     ✗ 4. shared

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.

In its 47 years of history, ISRO (1) _____ breakthrough work in the field of technology and even (2) _____ many vehicles into space. (3) _____ the last 47 years, ISRO has improvised and developed technology, launching (4) _____ indigenously created vehicles into space (5) _____ form a part of the Indian space journey.

SubQuestion No : 23

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

Ans ✗ 1. Across

   ✓ 2. Over

   ✗ 3. Along

   ✗ 4. Among

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.

In its 47 years of history, ISRO (1) _____ breakthrough work in the field of technology and even (2) _____ many vehicles into space. (3) _____ the last 47 years, ISRO has improvised and developed technology, launching (4) _____ indigenously created vehicles into space (5) _____ form a part of the Indian space journey.

SubQuestion No : 24

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

Ans ✗ 1. much

   ✗ 2. lots

   ✗ 3. very

   ✓ 4. several

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.

In its 47 years of history, ISRO (1) _____ breakthrough work in the field of technology and even (2) _____ many vehicles into space. (3) _____ the last 47 years, ISRO has improvised and developed technology, launching (4) _____ indigenously created vehicles into space (5) _____ form a part of the Indian space journey.

SubQuestion No : 25

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

Ans ✗ 1. when

✓ 2. that

✗ 3. how

✗ 4. who

Question ID : 26433050612
Status : **Answered**
Chosen Option : **2**

Section : General Intelligence and Reasoning

Q.1 Select the correct mirror image of the given figure when the mirror is placed at the right side.
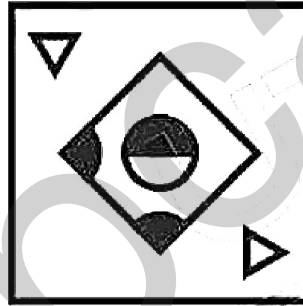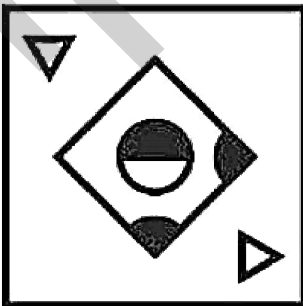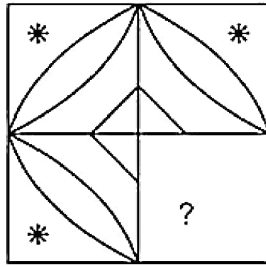

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
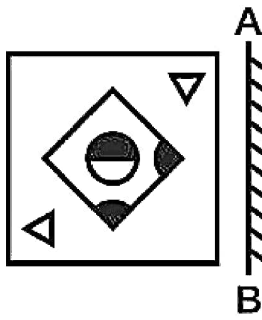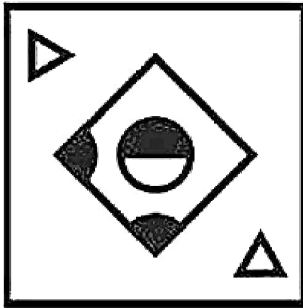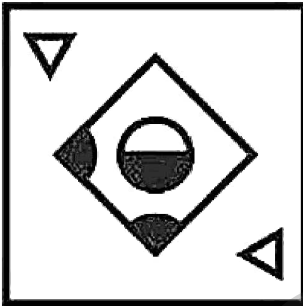
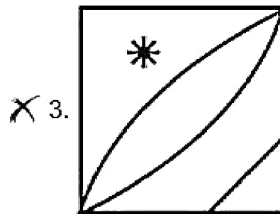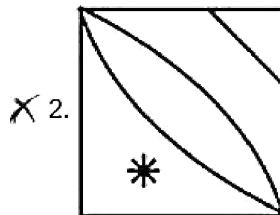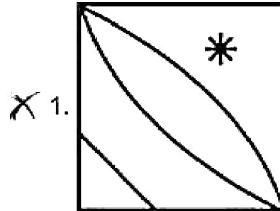**Q.2** Select the figure from the options that can replace the question mark (?) and complete the given pattern (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✗ 3.
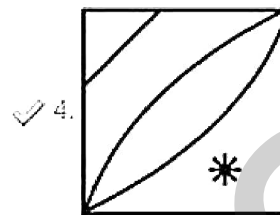
✓ 4.

Q.3 6 girls J, K, L, A, B and C are sitting around a square table facing the centre (not necessarily in the same order). 4 girls are sitting in the corners and 2 girls are sitting one each in the middle of two opposite sides of the square. L and C are sitting opposite each other. L is the immediate neighbour of A and B. C is not sitting on the corner.
Who are the immediate neighbours of C?

Ans ✗ 1. K and B

✗ 2. K and A

✓ 3. J and K

✗ 4. J and B

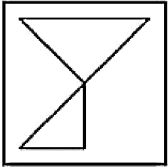**Q.4** In a certain code language, 'TOIR' is coded as '62', and 'HATE' is coded as '34'. How will 'GAYL' be coded in that language?

Ans   ✗ 1. 43

     ✗ 2. 46

     ✓ 3. 45

     ✗ 4. 44

Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Q.6 Two statements are given, followed by two conclusions numbered I and II. 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:
All Books are Pens.
All Pens are Pencils.

Conclusions:
I. All Books are Pencils.
II. All Pencils are Books.

Ans
✗ 1. Both conclusions I and II follow.

✗ 2. Only conclusion II follows.

✓ 3. Only conclusion I follows.

✗ 4. Neither conclusion I nor II follows.

Q.7 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.

Statement I: Some teeth are noses and some noses are hands.
Statement II: Some hands are feet.

Conclusion I: Some teeth are feet.
Conclusion II: All hands are noses.

Ans
✗ 1. Only conclusion I follows.

✗ 2. Both conclusions I and II follow.

✗ 3. Only conclusion II follows.

✓ 4. Neither conclusion I nor II follow.

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.

1703, 1668, 1633, 1598, 1563, ?

Ans
✗ 1. 1526

✗ 2. 1533

✓ 3. 1528

✗ 4. 1530

Q.9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LAS, IYR, FWQ, CUP, ?

Ans   ✓ 1. ZSO

       ✗ 2. ZSQ

       ✗ 3. ZRP

       ✗ 4. YSO

Q.10 In a certain code language, 'This is my brother' is written as 'Bo UvZs Mn', 'That is my dog' is written as 'Zs Pt Uv Ga', 'This is your father' is written as 'Bo Uv Ex Yz'. How will 'brother' be written in that language?

Ans   ✗ 1. Zs

       ✗ 2. Uv

       ✗ 3. Bo

       ✓ 4. Mn

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(15, 135, 6)(12, 84, 5)

Ans   ✓ 1. (21, 315, 6)

       ✗ 2. (9, 89, 3)

       ✗ 3. (24, 145, 18)

       ✗ 4. (17, 165, 7)

Q.12 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ACT : KCD :: EAR : OAB :: EYE : ?

Ans   ✗ 1. OZO

       ✗ 2. OYE

       ✗ 3. OYN

       ✓ 4. OYO

Q.13 In a certain code language, 'mould soft gel' is written as '8 6 4', 'gel is not hard' is written as 'pr kc 8 3' and 'hard is grey mould' is written as 'kc 3 4 9'. How will 'grey soft' be written in that language?

Ans ✓ 1. 9 6

✗ 2. 9 4

✗ 3. lm 6

✗ 4. lm 4

Q.14 In a certain code language, if wall is called door, door is called window, window is called roof, roof is called ventilator and ventilator is called floor, then what makes a way to a room?
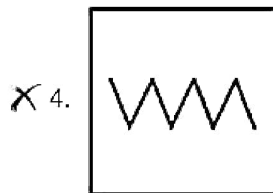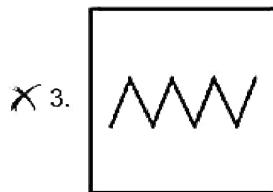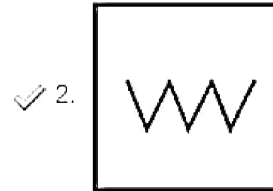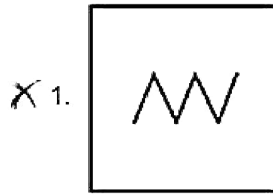
Ans ✓ 1. window

✗ 2. ventilator

✗ 3. roof

✗ 4. floor

Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series.

V	W	W	W	?
1	2	3	4	5

Ans

✗ 1. /\/\/

✓ 2. \/\/\/

✗ 3. /\/\/\

✗ 4. \/\/\/\/
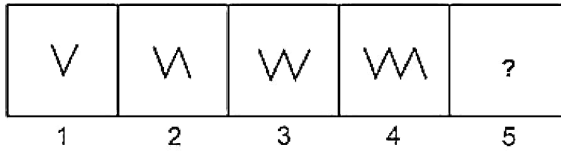
Q.16 No two of the six friends U, V, W, X, Y and Z, are of the same height. V is taller than only three other friends. Z is only taller than X. W is shorter than U only. Find who is the third shortest among all the friends.

Ans
✗ 1. U
✗ 2. Z
✓ 3. Y
✗ 4. V

Q.17 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

GROW : ITQY :: MATE : ?

Ans   ✗ 1. OCVH

     ✓ 2. OCVG

     ✗ 3. OCUG

     ✗ 4. OBVG

Q.18 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

15 : 36 :: 25 : 56 :: 35 : ?

Ans   ✗ 1. 86

     ✓ 2. 76

     ✗ 3. 96

     ✗ 4. 66

Q.19 Which two numbers (not digits) need to be interchanged to make the given equation correct?

10 × 18 + 216 ÷ 5 − 41 = 21

Ans   ✗ 1. 216 and 18

     ✗ 2. 10 and 41

     ✗ 3. 5 and 10

     ✓ 4. 18 and 5

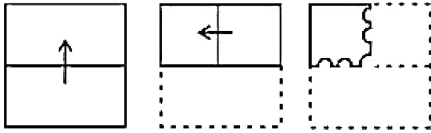**Q.20** What will come in the place of '?' in the following equation, if '+' and ' − ' are interchanged and also '×' and '÷' are interchanged?
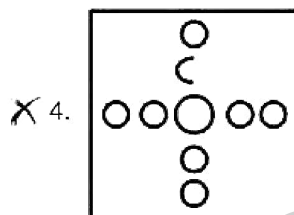
20 × 5 − 10 + 5 ÷ 2 = ?

Ans   ✗ 1. 6

     ✗ 2. 2

     ✓ 3. 4

     ✗ 4. 8

Q.21 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
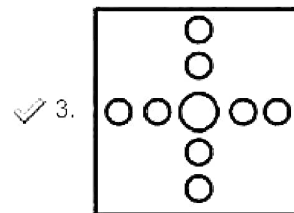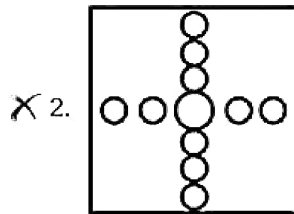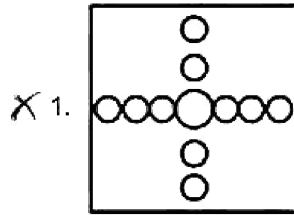
Q.22 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MARS : NLBZSQTR :: PLUTO : QOMKVTUSPN :: EARTH : ?

Ans

✓ 1. FDBZSQUSIG

✗ 2. QUIESEDILA

✗ 3. FDZBQSSUIG

✗ 4. QOSFDDIUAS

Q.23 Select the figure from the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.
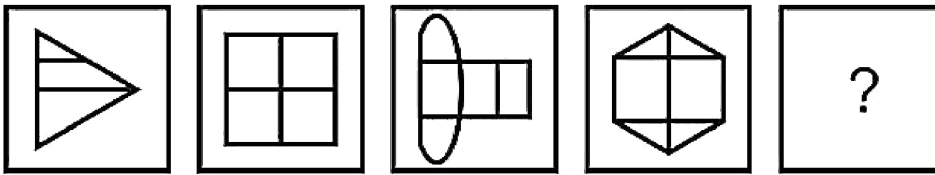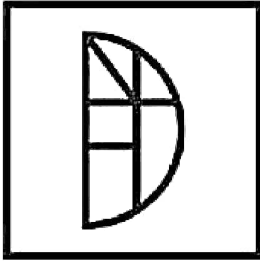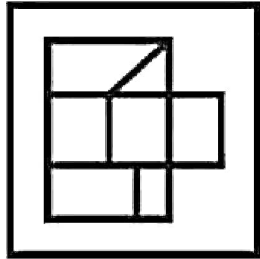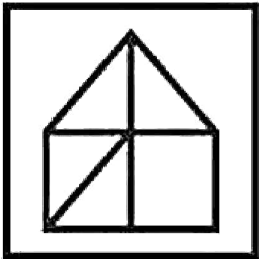
Q.24 Six people Sumit, Aamish, Saif, Ashutosh, Anubhav and Piyush are sitting in a straight row facing North. Only one person was sitting left to Piyush. Aamish is not sitting in either corner. Anubhav is sitting immediate left to Saif. Only one person is sitting in between Piyush and Ashutosh. Who is sitting to the immediate left of Ashutosh?

Ans   ✗ 1. Saif

✗ 2. Sumit

✓ 3. Aamish

✗ 4. Anubhav

Q.25 Which number will replace the question mark (?) in the following series?

819, 829, 840, 852, ?

Ans   ✗ 1. 864

    ✗ 2. 858

    ✗ 3. 880

    ✓ 4. 865

Section : Numerical Aptitude

Q.1 If $a : b : c = 3 : 2 : 4$ and $b{:}d = 2 : 3$, then find the value of $\left(\frac{a+c+d}{c-b}\right)^3$.

Ans   ✗ 1. $729/8$

    ✗ 2. 216

    ✓ 3. 125

    ✗ 4. $1000/27$

Q.2 Sai can do a piece of work alone in 50 days. Ria is 25% more efficient than Sai. What is the number of days that Ria will take to do the same piece of work alone?

Ans   ✗ 1. 30 days

    ✗ 2. 60 days

    ✓ 3. 40 days

    ✗ 4. 56 days

Q.3 If 30% of a number is 15 more than 135, find 50% of that number.

Ans   ✗ 1. 200

    ✗ 2. 210

    ✗ 3. 230

    ✓ 4. 250

Q.4 If the cost price of an item is ₹2,000 and it is sold at a loss of 25%, then find its selling price.

Ans
✓ 1. ₹1,500

✗ 2. ₹1,000

✗ 3. ₹2,000

✗ 4. ₹3,500

Question ID : 26433049277
Status : **Answered**
Chosen Option : **1**

Q.5 The sum of the radius and the diameter of a solid sphere is 63 cm. What will be the volume of this sphere? [Use $\pi = \frac{22}{7}$]

Ans
✓ 1. 38808 cm^3

✗ 2. 39206 cm^3

✗ 3. 34604 cm^3

✗ 4. 41244 cm^3

Question ID : 26433049736
Status : **Answered**
Chosen Option : **1**

Q.6 A person marks the price of his car 50% above the cost price. He gives a discount of B% and earns a profit of 10%. What is the approximate value of B?

Ans
✓ 1. 26.67

✗ 2. 29.67

✗ 3. 21.33

✗ 4. 24.33

Question ID : 26433049874
Status : **Answered**
Chosen Option : **1**

Q.7 The difference between the average of P and Q and the average of Q and R is 25. What will be the difference between P and R?

Ans
✗ 1. 12.5

✓ 2. 50

✗ 3. 40

✗ 4. 25

Question ID : 26433049903
Status : **Answered**
Chosen Option : **2**

Q.8 Robert bought an old bicycle for ₹1,250 and spent ₹250 on its repair. He sold it for ₹1,470. What is his loss percentage?

Ans
✗ 1. 4%

✗ 2. 1%

✗ 3. 3%

✓ 4. 2%

Q.9 What is the simple interest on a principal of ₹16,000 for 3 years at the rate of 10% per annum?

Ans
✗ 1. ₹6,400

✓ 2. ₹4,800

✗ 3. ₹5,600

✗ 4. ₹5,200

Q.10 What is the compound interest on ₹80,000 for 1 year at 10 per cent per annum, compounded half yearly?

Ans
✗ 1. ₹7,200

✓ 2. ₹8,200

✗ 3. ₹8,800

✗ 4. ₹7,000

Q.11 In a job, L_1, L_2, and L_3 work for 3, 4 and 6 days, respectively. The ratio of the daily wages of L_1, L_2, and L_3 is 2 : 3 : 1, respectively. If they receive ₹2,400 as the total wages, then what is the share of L_1?

Ans
✗ 1. ₹800

✗ 2. ₹1,600

✓ 3. ₹600

✗ 4. ₹1,200

Q.12 Simplify the following expression.

$$20 \div 3 - 2 + (4 - 1)$$

Ans   ✗ 1. -120

      ✓ 2. 24

      ✗ 3. 120

      ✗ 4. 21

Q.13 The ratio of the speed of a bus to that of a train is 15 : 27. Also, a car covers a distance of 720 km in 9 hours. The speed of the bus is three-fourths of the speed of the car. How much distance will the train cover in 7 hours?

Ans   ✗ 1. $760 \ \mathrm{km}$

      ✓ 2. $756 \ \mathrm{km}$

      ✗ 3. $784 \ \mathrm{km}$

      ✗ 4. $770 \ \mathrm{km}$

Q.14 Study the given table and answer the question that follows.

The table shows the marks scored by five students in a surprise test.

Name of student	Marks scored in surprise test
Himanshu	7
Ayushi	4
Yograj	2
Shabbir	5
Mili	10

If a student has to score 5 or more marks to pass the surprise test, then how many friends were NOT able to pass?

Ans   ✗ 1. 4

      ✓ 2. 2

      ✗ 3. 1

      ✗ 4. 3

Q.15 The average of 47 consecutive natural numbers is 99. What is the largest number among these numbers?

Ans ✓ 1. 122

✗ 2. 123

✗ 3. 121

✗ 4. 124

Q.16 The following pie chart shows the respective shares of the ingredients needed to bake a cake.

Ingredients needed to bake a cake
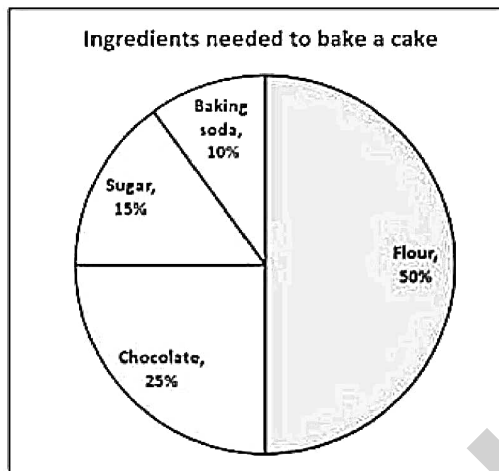
If the cake weighs 2 kg. then how much baking soda was needed to bake the cake?

Ans ✗ 1. 900 g

✗ 2. 450 g

✗ 3. 100 g

✓ 4. 200 g

Q.17 The value of $26.4 \times 12.5 + \sqrt{22^2 + 20 + 11^2} - 31$ is:

Ans ✗ 1. 384

✗ 2. 284

✗ 3. 18

✓ 4. 324

Q.18 What will be the approximate average of all the prime numbers less than 15?

Ans ✗ 1. 6.33

✗ 2. 5.67

✓ 3. 6.83

✗ 4. 7.33

Q.19 Study the given bar-graph and answer the question that follows.
The bar-graph shows the number of students from a college who got placed in six companies in 2020.
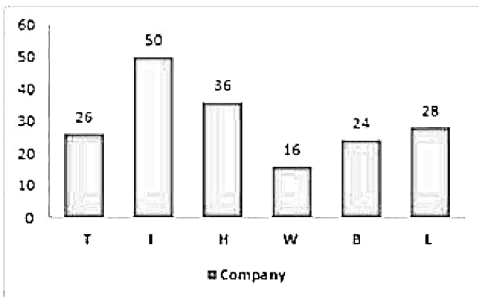
If 60 students from the college did not get a job in any of these six companies, then what percentage of the students from this college were placed in H in 2020?

Ans ✗ 1. 20%

✗ 2. 12.5%

✗ 3. 22%

✓ 4. 15%

Q.20 A sum of ₹15,250 is divided among Shrinza, Sheetal and Chirag such that Shrinza receives 40% more than Sheetal and Sheetal receives 40% less than Chirag. What is Chirag's share?

Ans ✗ 1. ₹6,000

✓ 2. ₹6,250

✗ 3. ₹7,250

✗ 4. ₹5,250

Q.21 The ratio between the volumes of Sphere 1 and Sphere 2 is 27 : 64. Find the ratio of the surface areas of Sphere 1 and Sphere 2.

Ans
- ✓ 1. 9 : 16
- ✗ 2. 16 : 9
- ✗ 3. 3 : 4
- ✗ 4. 1 : 3

Q.22 The product of the LCM and the HCF of two numbers is 216. The difference between the two numbers is 6. What are the numbers?

Ans
- ✗ 1. 9, 24
- ✗ 2. 6, 36
- ✓ 3. 12, 18
- ✗ 4. 8, 27

Q.23 X and Y are two alloys of copper and aluminium prepared by mixing the metals in the ratio 6 : 5 and 5 : 9, respectively. If equal quantities of the alloys are melted to form a third alloy Z, what ratio of copper and aluminium will be in Z?

Ans
- ✗ 1. 154 : 163
- ✗ 2. 165 : 139
- ✗ 3. 139 : 154
- ✓ 4. 139 : 169

Q.24 The height of a right circular cone is 24 cm. If the radius of its base is 7 cm, then what will be the curved surface area of this cone? [Use $\pi = \frac{22}{7}$]

Ans
- ✓ 1. $550 \ cm^2$
- ✗ 2. $630 \ cm^2$
- ✗ 3. $610 \ cm^2$
- ✗ 4. $590 \ cm^2$

Q.25 The ratio of the speeds of two scooters is 9 : 5. If the second scooter runs 75 km in 6 hours, then what is the speed (in km/h) of the first scooter?

Ans ✗ 1. 12.5

✓ 2. 22.5

✗ 3. 11.5

✗ 4. 10.5

Section : General Awareness

Q.1 Who is the author of the book 'The Great Indian Novel'?

Ans ✗ 1. Arun Shourie

✓ 2. Shashi Tharoor

✗ 3. Kiran Bedi

✗ 4. K Natwar Singh

Q.2 What is the chemical name of battery acid?

Ans ✓ 1. Sulfuric acid

✗ 2. Barium sulphate

✗ 3. Hypochlorous acid

✗ 4. Boric acid

Q.3 Who took oath as Chief Minister of Uttar Pradesh for the second consecutive term in March 2022?

Ans ✗ 1. Harish Rawat

✓ 2. Yogi Adityanath

✗ 3. Akhilesh Yadav

✗ 4. Mohan Prakash

Q.4 Harishena was a court poet of _____.

Ans ✗ 1. Bindusara

✓ 2. Samudragupta

✗ 3. Bimbisara

✗ 4. Ashoka

Q.5 Which of the following separates Little Andaman from South Andaman of India?

Ans ✗ 1. Amindivi Islands

✓ 2. Duncan passage

✗ 3. Reunion Hotspot

✗ 4. Minicoy island

Q.6 Amit wants to contest for Lok Sabha elections in India. What is the maximum limit of constituencies that he can contest?

Ans ✗ 1. Infinite

✓ 2. Two

✗ 3. Three

✗ 4. One

Q.7 Which of the following Articles of the Indian Constitution states about the application of the Directive Principles?

Ans ✓ 1. 37

✗ 2. 45

✗ 3. 42

✗ 4. 31

Q.8 Which of the following is the largest stupa in India?

Ans ✓ 1. Kesariya

✗ 2. Dhamekh

✗ 3. Amaravati

✗ 4. Bharhut

Q.9 Which of the following political parties led the Punjabi Suba movement in India?

Ans ✗ 1. Bharatiya Janata Party

✗ 2. Ghadar Party

✓ 3. Shiromani Akali Dal

✗ 4. Indian National Congress

Q.10 Which player won the Man of the Series award for cricket test series on the Sri Lanka tour of India, 2022?

Ans ✗ 1. KL Rahul

✓ 2. Rishabh Pant

✗ 3. Shreyas Iyer

✗ 4. Rohit Sharma

Q.11 With which musical instrument was Ali Akbar Khan associated?

Ans ✗ 1. Sarangi

✗ 2. Manjira

✓ 3. Sarod

✗ 4. Veena

Q.12 Which of the following acids is found in spinach?

Ans ✗ 1. Formic acid

✗ 2. Lactic acid

✗ 3. Citric acid

✓ 4. Oxalic acid

Q.13 Who among the following is the first Odissi dancer from Odisha to have received the 'Padma Vibhushan' in the year 2000?

Ans ✗ 1. Rukmini Devi Arundale

✓ 2. Kelucharan Mohapatra

✗ 3. Uday Shankar

✗ 4. Ileana Citaristi

Question ID : 26433046687
Status : Answered
Chosen Option : 1

Q.14 As of March 2022, which of the following is the highest motorable pass in India?

Ans ✗ 1. Umling La

✗ 2. Chang-La

✗ 3. Lanak La

✓ 4. Khardung La

Question ID : 26433046751
Status : Answered
Chosen Option : 4

Q.15 The Constitution (Scheduled Tribes) Order (Amendment) Bill, 2022, was introduced in Lok Sabha on 7 February 2022 by _____.

Ans ✓ 1. Arjun Munda

✗ 2. Ramesh Bidhuri

✗ 3. Amit Shah

✗ 4. Rajnath Singh

Question ID : 26433046743
Status : Answered
Chosen Option : 1

Q.16 Which of the given statements is correct?
I. When Alivardi Khan died in 1756, Siraj-ud-daulah became the nawab of Bengal.
II. In 1757, Robert Clive led the company's army against Siraj-ud-daulah at Plassey.

Ans ✗ 1. Only II

✗ 2. Neither I nor II

✗ 3. Only I

✓ 4. Both I and II

Question ID : 26433047659
Status : Answered
Chosen Option : 4

Q.17 Before being replaced by NITI Aayog, which organisation was responsible for collecting data about unemployment using Lakdawala Formula?

Ans
- ✗ 1. Pay Commission
- ✗ 2. Finance Commission
- ✗ 3. Labour Commission
- ✓ 4. Planning Commission

Question ID : 26433047130
Status : **Answered**
Chosen Option : **4**

Q.18 Hojagiri is a folk dance of which state of India?

Ans
- ✗ 1. Goa
- ✗ 2. Karnataka
- ✓ 3. Tripura
- ✗ 4. Uttar Pradesh

Question ID : 26433047645
Status : **Answered**
Chosen Option : **3**

Q.19 The headquarters of the Eastern Railway Zone is located at _____.

Ans
- ✓ 1. Kolkata
- ✗ 2. Bhubaneswar
- ✗ 3. Patna
- ✗ 4. Durgapur

Question ID : 26433046752
Status : **Answered**
Chosen Option : **1**

Q.20 According to the 2011 Census of India, which state is the least populous state in the country?

Ans
- ✗ 1. Jharkhand
- ✓ 2. Sikkim
- ✗ 3. Assam
- ✗ 4. Bihar

Question ID : 26433047305
Status : **Answered**
Chosen Option : **2**

Q.21 Mahavir Jayanti is celebrated in the month of _____.

Ans
- ✗ 1. May
- ✓ 2. April
- ✗ 3. September
- ✗ 4. December

Q.22 Which of the following is an Indian martial art that originated in modern-day Kerala?

Ans
- ✓ 1. Kalaripayattu
- ✗ 2. Muay Thai
- ✗ 3. Karate
- ✗ 4. Gatka

Q.23 Raziya Sultan was the daughter of _____.

Ans
- ✗ 1. Babur
- ✗ 2. Qutubuddin Aibak
- ✓ 3. Iltutmish
- ✗ 4. Akbar

Q.24 _____ was established in 1948 with 23 countries as a global trade organisation to administer all multilateral trade agreements.

Ans
- ✗ 1. World Trade Organization
- ✗ 2. International Reciprocal Trade Association
- ✓ 3. General Agreement on Tariffs and Trade
- ✗ 4. World Chamber of Commerce

Q.25 _____ is a technique in which cancer cells are damaged with radiations, while limiting the harm to nearby healthy tissue.

Ans ✓ 1. Radiotherapy

✗ 2. Physiotherapy

✗ 3. Surgery

✗ 4. Chemotherapy

Multi Tasking Non Technical Staff Havaldar CBIC and CBN Exam 2021

Roll Number	
Candidate Name	
Venue Name	
Exam Date	07/07/2022
Exam Time	5:00 PM - 6:30 PM
Subject	MTS Non technical and Havaldar Examination 2021

Section : General English

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

William _____ his friends not to intrude into his family's affairs.

Ans ✗ 1. claimed

✗ 2. gambled

✓ 3. warned

✗ 4. satisfied

Question ID : 26433051000
Status : Answered
Chosen Option : 3

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

Vendors expressed their concerns over the _____ price of onion.

Ans ✗ 1. raise

✗ 2. raising

✓ 3. rising

✗ 4. rise

Question ID : 26433050710
Status : Answered
Chosen Option : 3

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.

Despite the doctor's stern warning, / he continued taking sugar / in his tea.

Ans ✗ 1. in his tea

✓ 2. No error

✗ 3. he continued taking sugar

✗ 4. Despite the doctor's stern warning,

Question ID : 26433051497
Status : Answered
Chosen Option : 4

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

The agility of the acrobat _____ and thrilled the audience.

Ans ✗ 1. amaze

✗ 2. amazes

✗ 3. amazing

✓ 4. amazed

Q.5 Select the most appropriate synonym of the given word.

Advent

Ans ✗ 1. Purpose

✗ 2. Departure

✓ 3. Arrival

✗ 4. Turn

Q.6 Select the most appropriate option to fill in the blank.

Most people believe that working out and meeting fat loss needs is challenging, but a _____ basic program can take you a long way.

Ans ✗ 1. erratic

✓ 2. consistent

✗ 3. strange

✗ 4. impartial

Q.7 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

While the symptoms are troubling, they typically resolve within two weeks.

Ans ✓ 1. No improvement required

✗ 2. was troubling

✗ 3. is troubling

✗ 4. are troubled

Q.8 Parts of the following sentence have been given as options. 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.

I don't know anyone who spoken Portuguese in my school.

Ans ✗ 1. No error

✓ 2. who spoken Portuguese

✗ 3. I don't know anyone

✗ 4. in my school

Q.9 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

No sooner had he got out of her sight that she proceeded to tamper with the letter.

Ans ✗ 1. No improvement required

✗ 2. No sooner did he got out of her sight and

✗ 3. As soon as he got out of her sight than

✓ 4. No sooner had he got out of her sight than

Q.10 Select the most appropriate meaning of the underlined idiom in the given sentence.

Neha stood beside my sister through thick and thin.

Ans ✗ 1. In a strange manner

✓ 2. under all circumstances

✗ 3. Without any result

✗ 4. in good times only

Q.11 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement reuired'.

I was thinking about buying an new vehicle.

Ans ✗ 1. bought a new

✗ 2. buy a newly

✗ 3. No improvement reuired

✓ 4. buying a new

Q.12 Select the most appropriate option to fill in the blank.

The garret where he lay at night had long been _____, and a great number of mice had made their home in it.

Ans   ✓ 1. vacant

    ✗ 2. partial

    ✗ 3. visible

    ✗ 4. thick

Q.13 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.

I am dealing with / some family issues / right now.

Ans   ✓ 1. No error

    ✗ 2. some family issues

    ✗ 3. right now

    ✗ 4. I am dealing with

Q.14 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Everyone must participate in this session as it is on a subject that <u>affects</u> the community.

Ans   ✓ 1. No improvement required

    ✗ 2. effects

    ✗ 3. affecting

    ✗ 4. affect

Q.15 Select the INCORRECTLY spelt word.

Ans   ✗ 1. Perfidy

    ✗ 2. Misanthrope

    ✗ 3. Relentless

    ✓ 4. Ingenuos

Q.16 Select the most appropriate ANTONYM of the given word.

Luminous

Ans ✗ 1. Hunched

✗ 2. Homespun

✗ 3. Simple

✓ 4. Dim

Question ID : 26433051687
Status : **Answered**
Chosen Option : **4**

Q.17 Select the correctly spelt word.

Ans ✗ 1. Condusive

✓ 2. Apparently

✗ 3. Bottelneck

✗ 4. Endognous

Question ID : 26433051518
Status : **Answered**
Chosen Option : **2**

Q.18 Select the most appropriate synonym of the given word.

Merry

Ans ✗ 1. Morose

✓ 2. Happy

✗ 3. Somber

✗ 4. Angry

Question ID : 26433050887
Status : **Answered**
Chosen Option : **2**

Q.19 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

My mother looked at Sana and me with her mouth <u>slight openly.</u>

Ans ✗ 1. an openly slight

✗ 2. No improvement required

✗ 3. open slight

✓ 4. slightly open

Question ID : 26433051065
Status : **Answered**
Chosen Option : **4**

Q.20 Select the most appropriate meaning of the given idiom.

The lion's share

Ans ✗ 1. The most challenging goal of many

✗ 2. The most important person

✗ 3. The most expensive item

✓ 4. The biggest and best part of a whole

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.

Every evening, (1) _____ a point midway along the arrow-straight road between Amritsar and Lahore, rival squads of (2) _____ uniformed soldiers strut and stomp a 17th-century British military drill known as Beating Retreat. Barked commands, (3) _____ glares and preposterously high kicks all signal violent intent. But then, lovingly and in (4) _____, the enemies lower their national flags. Opposing guardsmen (5) _____ shake hands, and the border gates roll shut for the night.

SubQuestion No : 21

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

Ans ✗ 1. in

✗ 2. along

✗ 3. on

✓ 4. at

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.

Every evening, (1) _____ a point midway along the arrow-straight road between Amritsar and Lahore, rival squads of (2) _____ uniformed soldiers strut and stomp a 17th-century British military drill known as Beating Retreat. Barked commands, (3) _____ glares and preposterously high kicks all signal violent intent. But then, lovingly and in (4) _____, the enemies lower their national flags. Opposing guardsmen (5) _____ shake hands, and the border gates roll shut for the night.

SubQuestion No : 22

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

Ans ✗ 1. elatedly

✗ 2. gladly

✓ 3. splendidly

✗ 4. badly

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.

Every evening, (1) _____ a point midway along the arrow-straight road between Amritsar and Lahore, rival squads of (2) _____ uniformed soldiers strut and stomp a 17th-century British military drill known as Beating Retreat. Barked commands, (3) _____ glares and preposterously high kicks all signal violent intent. But then, lovingly and in (4) _____, the enemies lower their national flags. Opposing guardsmen (5) _____ shake hands, and the border gates roll shut for the night.

SubQuestion No : 23

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

Ans ✗ 1. silly

✗ 2. witty

✓ 3. fierce

✗ 4. diverting

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.

Every evening, (1) _____ a point midway along the arrow-straight road between Amritsar and Lahore, rival squads of (2) _____ uniformed soldiers strut and stomp a 17th-century British military drill known as Beating Retreat. Barked commands, (3) _____ glares and preposterously high kicks all signal violent intent. But then, lovingly and in (4) _____, the enemies lower their national flags. Opposing guardsmen (5) _____ shake hands, and the border gates roll shut for the night.

SubQuestion No : 24

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

Ans ✓ 1. unison

✗ 2. unlikeliness

✗ 3. discord

✗ 4. plenty

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.

Every evening, (1) _____ a point midway along the arrow-straight road between Amritsar and Lahore, rival squads of (2) _____ uniformed soldiers strut and stomp a 17th-century British military drill known as Beating Retreat. Barked commands, (3) _____ glares and preposterously high kicks all signal violent intent. But then, lovingly and in (4) _____, the enemies lower their national flags. Opposing guardsmen (5) _____ shake hands, and the border gates roll shut for the night.

SubQuestion No : 25

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

Ans ✗ 1. brightly

✓ 2. curtly

✗ 3. critically

✗ 4. radically

Section : General Intelligence and Reasoning

Q.1 If 'A' means '+', 'B' means '–', 'C' means '×', and 'D' means '÷', what will come in place of the question mark (?) in the following equation?

44 A 36 B 60 D 30 C 5 = ?

Ans ✗ 1. 60

✗ 2. 50

✗ 3. 40

✓ 4. 70

Q.2 Select the number from among the given options that can replace the question mark (?) in the following series.

834, 836, 844, 876, 1004, ?

Ans ✗ 1. 1524

✗ 2. 1520

✗ 3. 1518

✓ 4. 1516

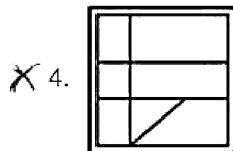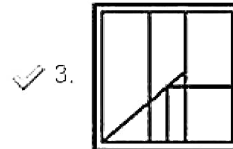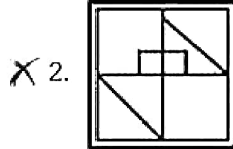**Q.3** Select the option in which the given figure is embedded (Rotation is not allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
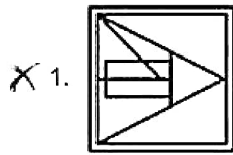
Q.4 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

4284 : 18 :: ? : 16 :: 1482 : 15

Ans ✗ 1. 3854

✗ 2. 2854

✗ 3. 1486

✓ 4. 3256

Q.5 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

UY, ZD, EI, JN, ?
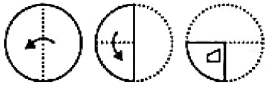
Ans ✗ 1. PS

✓ 2. OS

✗ 3. OT

✗ 4. OR

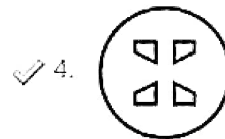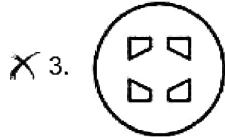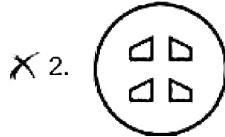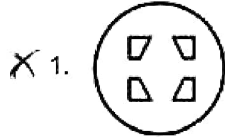**Q.6** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Q.7 Select the number that can replace the question mark (?) in the following series.

3, 15, 75, 375, ?

Ans   ✗ 1. 1375

✗ 2. 1675

✓ 3. 1875

✗ 4. 2075

Q.8 In a certain code language, 'calculator are numbers' is coded as '8 # pg', 'numbers being odd even' is coded as '# rm ts kp', and 'odd are strong' is coded as 'kp 8 ab'. What can be the code for 'calculator odd' in that language?

Ans   ✓ 1. pg kp

✗ 2. pg 8

✗ 3. ts #

✗ 4. rm ts

Q.9 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

DOW : WDO :: RAM : ?

Ans ✗ 1. RMA

✗ 2. MAR

✗ 3. ARM

✓ 4. MRA

Q.10 Seven boys M, K, C, P, S, T and U participate in a contest. All of them finish on different ranks from 1 to 7, 1 being the highest and 7 being the lowest. The rank of S is lower than K, but higher than C. The rank of T is one below U and one above P. U has the second highest rank. The rank of S is less than only four boys. C has the least rank. Whose rank is the third from the last?

Ans ✗ 1. P

✗ 2. K

✓ 3. S

✗ 4. T

Q.11 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.

Asthma : Lungs :: Arthritis : Bones :: Conjunctivitis : ?

Ans ✓ 1. Eyes

✗ 2. Heart

✗ 3. Skin

✗ 4. Brain

Q.12 Five people M1, M2, M3, M4 and M5 are sitting around a circular table facing the centre (but not necessarily in the same order). Only one person is sitting between M3 and M4. M2 is sitting second to the left of M4. M1 is sitting to the immediate right of M2.

How many people are sitting between M2 and M1, when counted from the left of M2?

Ans ✓ 1. 3

✗ 2. 2

✗ 3. 0

✗ 4. 1

Q.13 In a certain code language, 'GRAPES' is written as 'HQBOFR', and 'FACTOR' is written as 'GZDSPQ'. How will 'LAYOUT' be written in that code language?

Ans

✓ 1. MZZNVS

✗ 2. KZXNTS

✗ 3. MBZPVU

✗ 4. SNLAJS

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
I. All W are B.
II. No X is W.

Conclusions:
I. Some B are W.
II. Some W are X.
III. All X are B.

Ans

✗ 1. Only conclusion III follows

✗ 2. Only conclusion II follows

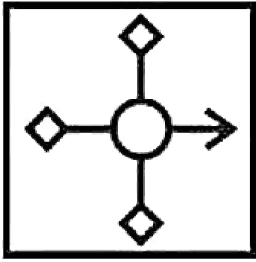✓ 3. Only conclusion I follows

✗ 4. All the conclusions follow

Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

1. ✓

2. ✗

3. ✗

4. ✗

Q.16 Select the figure from the given options that can replace the question mark (?) in the following series.

−	÷ ÷	+ + + +	*** *** *** *** ** **	?

Ans

✗ 1.
% % %
% % %

✗ 2.
@ @ @
@ @ @
@ @ @
@ @

✗ 3.
── ── ──
── ── ──
+ + −
── ── ──
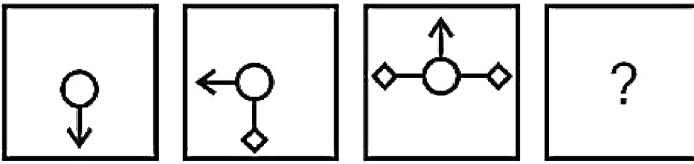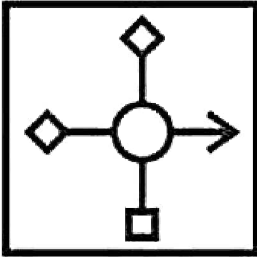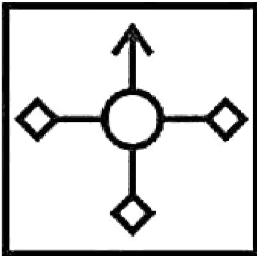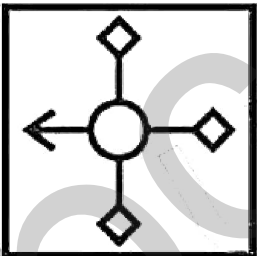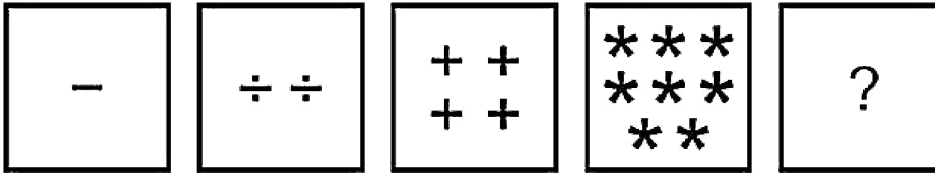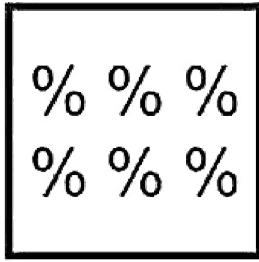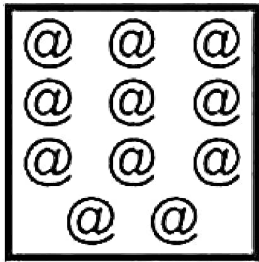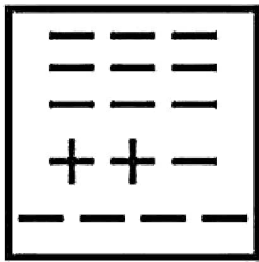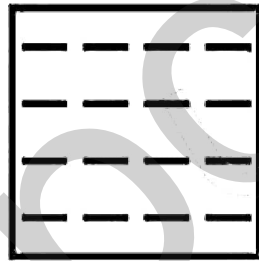
✓ 4.
── ── ──
── ── ──
── ── ──
── ── ──

Q.17 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:
I. All T are F.
II. Some P are T.

Conclusions:
I. No F is P.
II. Some F are P is a possibility.

Ans ✗ 1. Both conclusions I and II follow

    ✓ 2. Only conclusion II follows

    ✗ 3. Neither conclusion I nor II follows

    ✗ 4. Only conclusion I follows

Q.18 Seven men M1, M2, M3, M4, M5, M6 and M7 are sitting around a circular table, facing towards the centre (not necessarily in the same order). M5 is the immediate neighbour of both M1 and M4. M6 is to the immediate right of M1. M7 is not the immediate neighbour of M6 or M3.Who is second to the right of M7?

Ans ✓ 1. M5

    ✗ 2. M1

    ✗ 3. M3

    ✗ 4. M2

Q.19 In a certain code language, 'SOBER' is written as 'TQEIW', 'MACHO' is written as 'NCFLT', and 'MAGIC' is written as 'NCJMH'. How will 'ALTAR' be written in that language?

Ans ✗ 1. BNWBW

    ✗ 2. BWNEW

    ✗ 3. BMUBS

    ✓ 4. BNWEW

Q.20 Which two number should be interchanged to make the following equation correct?

$72 \div 9 \times 8 + 6 - 5 = 100$

Ans   ✓ 1. 9 and 6

     ✗ 2. 9 and 8

     ✗ 3. 6 and 8

     ✗ 4. 9 and 5

Q.21 In a certain code language, 'PINKYS' is written as 'OJMLXT' and 'TORQUE' is written as 'SPQRTF'. How will 'GAMPST' be written in that code language?

Ans   ✗ 1. FBLRQU

     ✓ 2. FBLQRU

     ✗ 3. FBLQRV

     ✗ 4. FBLRRU

Q.22 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

KRY : NWR :: PBX : ?

Ans   ✗ 1. RHQ

     ✗ 2. SHQ

     ✗ 3. RGQ

     ✓ 4. SGQ

Q.23 Select the option in which the numbers are related in the same way as are the numbers in the given sets.

(4, 9, 16)
(81, 100, 121)

Ans   ✗ 1. (16, 36, 25)

     ✗ 2. (25, 49, 81)

     ✗ 3. (9, 16, 36)

     ✓ 4. (36, 49, 64)

Q.24 Select the correct mirror image of the given figure when the mirror is placed at the right side.

Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.
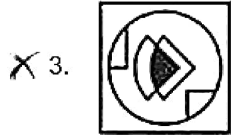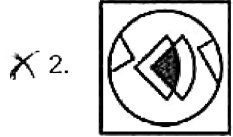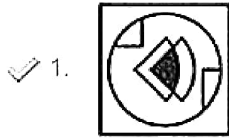
Q.25 Select the correct mirror image of the given figure when the mirror is placed at line AB as shown.
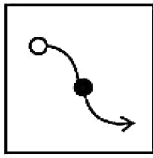
A ///// B

Ans
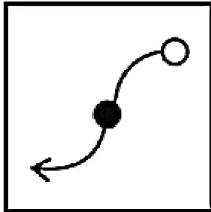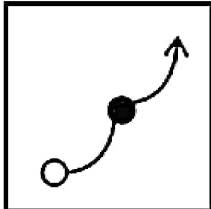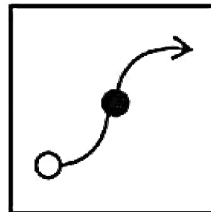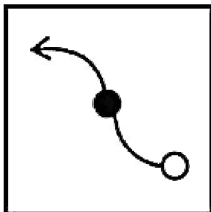
✗ 1.

✗ 2.

✓ 3.

✗ 4.

Section : Numerical Aptitude

Q.1 If $\frac{A}{2} = \frac{B}{3} = \frac{C}{7}$, then what is the value of the ratio $(4A + 3B - C) : (A + B + C)$?

Ans
✗ 1. $7 : 6$

✓ 2. $5 : 6$

✗ 3. $9 : 8$

✗ 4. $8 : 5$

Q.2 What is the compound interest for 2 years on a sum of ₹7,200 at the rate of 15% per annum, if interest is compounded annually?

Ans
- ✗ 1. ₹2,428
- ✓ 2. ₹2,322
- ✗ 3. ₹2,527
- ✗ 4. ₹2,829

Q.3 The highest common factor of two numbers is 6, and the product of the two numbers is 72. What is the least common multiple of the two numbers?

Ans
- ✗ 1. 16
- ✗ 2. 18
- ✓ 3. 12
- ✗ 4. 14

Q.4 The measures of the outer dimensions of a closed metal box are given as 15 cm × 18 cm × 8 cm. The thickness of the metal is 1.5 cm. What will be the volume of the metal required to make the box?

Ans
- ✗ 1. $1680 \ cm^3$
- ✗ 2. $950 \ cm^3$
- ✗ 3. $1440 \ cm^3$
- ✓ 4. $1260 \ cm^3$

Q.5 The average of 5 consecutive odd numbers is 33. What is the product of the smallest and the largest of these five numbers?

Ans
- ✗ 1. 1147
- ✗ 2. 1237
- ✗ 3. 957
- ✓ 4. 1073

Q.6 What is the average of the first 6 multiples of 10?

Ans
- ✗ 1. 36
- ✓ 2. 35
- ✗ 3. 34.5
- ✗ 4. 32

Q.7 If a chair is sold at a discount of 20%, then there is a profit of 20%. If the chair is sold at a discount of 30%, then what will be the profit?

Ans
- ✓ 1. 5%
- ✗ 2. 10%
- ✗ 3. 7.5%
- ✗ 4. 12.5%

Q.8 The length of a side of an equilateral triangle is 120 cm less than its perimeter. What is the area of the equilateral triangle?

Ans
- ✗ 1. $1800\sqrt{3}$ cm^2
- ✓ 2. $900\sqrt{3}$ cm^2
- ✗ 3. $450\sqrt{3}$ cm^2
- ✗ 4. $1200\sqrt{3}$ cm^2

Q.9 If a boy goes from his home to his school at a speed of 40 km/h, he reaches 10 minutes early. If he goes at a speed of 35 km/h, he reaches 5 minutes late. What will be the time taken for the journey at a speed of 35 km/h?

Ans
- ✗ 1. 125 minutes
- ✗ 2. 135 minutes
- ✗ 3. 115 minutes
- ✓ 4. 120 minutes

Q.10 What should come in place of the question mark (?) in the following mathematical statement?

$$25\% \text{ of } (?)^2 = 7 + 145 \div 5$$

Ans
  ✗ 1. 27

  ✗ 2. 37

  ✓ 3. 12

  ✗ 4. 62

Q.11 The ratio of the cost price of an item and the profit gained while selling the item is 4 : 1. What is the profit percentage?

Ans
  ✗ 1. 20%

  ✓ 2. 25%

  ✗ 3. 15%

  ✗ 4. 18%

Q.12 N is increased successively by 12.5% and 16%. If N = 400, then what is the value of the increase?

Ans
  ✗ 1. 142

  ✗ 2. 92

  ✗ 3. 172

  ✓ 4. 122

Q.13 The following table shows the weight (in kg) of vegetables sold by 6 different shops. It also shows the weight (in kg) of tomatoes sold out of the total vegetables sold by each of these shops.

Shops	Vegetables (in kg)	Tomatoes (in kg)
S1	5000	1200
S2	6000	1000
S3	4800	800
S4	6400	1400
S5	5600	1800
S6	6800	2000

Taking shops S1, S2 and S5 together, approximately what percentage of all vegetables sold, from these three shops taken together, are tomatoes?

Ans   ✗ 1. 19.11%

     ✗ 2. 21.28%

     ✓ 3. 24.10%

     ✗ 4. 25.89%

Question ID : 26433049865
Status : **Answered**
Chosen Option : **3**

Q.14 Pipe A can fill an empty tank in 10 h, Pipe B can fill the same tank, when empty, in 15 h, and Pipe C can empty the same tank, when completely full, in 12 h. Find the time taken to fill half the tank if all three pipes are opened simultaneously when the tank is empty.

Ans   ✓ 1. 6 h

     ✗ 2. 4 h

     ✗ 3. 12 h

     ✗ 4. 8 h

Question ID : 26433049561
Status : **Answered**
Chosen Option : **1**

Q.15 There are four people in a family. The average age of these four members is 32 years. The father's age is 50 years, the mother's age is 46 years, and the daughter's age is 20 years. Find the age of the only son in the family.

Ans   ✗ 1. 18 years

     ✗ 2. 16 years

     ✗ 3. 14 years

     ✓ 4. 12 years

Question ID : 26433050148
Status : **Answered**
Chosen Option : **4**

Q.16 The given pie chart represents the percentage distribution of the number of sandwiches sold by a shopkeeper on different days of a week.
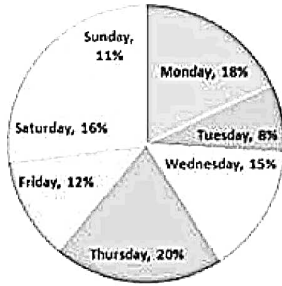
The total number of sandwiches sold on Tuesday is what percentage of the total number of sandwiches sold on Saturday?

Ans
✗ 1. 40%

✗ 2. 60%

✗ 3. 45%

✓ 4. 50%

Q.17 The value of 25% of 544 + 38% of 1400 − 60% of 2880 is:

Ans
✗ 1. 2395

✓ 2. 2396

✗ 3. 2400

✗ 4. 2392

Q.18 The profit earned on selling a bike for ₹68,250 is the same as the loss incurred on selling the bike for ₹47,250. Find the cost price of the bike.

Ans
✗ 1. ₹57,250

✗ 2. ₹57,375

✗ 3. ₹57,500

✓ 4. ₹57,750

Q.19 A student has to obtain a minimum of 50% marks in an examination to pass. He scored 40% and failed by 30 marks. Find the total marks of the examination.

Ans
- ✗ 1. 320
- ✗ 2. 280
- ✓ 3. 300
- ✗ 4. 400

Q.20 Three pipes, D, E and F, can fill a tank in 6 min, 8 min and 12 min, respectively. All the pipes are opened simultaneously, and then pipes D and E are closed 3 minutes before tank is full. In how much time will the tank be full?

Ans
- ✓ 1. 5 min
- ✗ 2. 3 min
- ✗ 3. 6 min
- ✗ 4. 4 min

Q.21 In a municipal election three candidates, Santosh, Ravi, and Vipin, contested and the valid votes they got were in the ratio of 11 : 4 : 9. If the winner defeated his nearest rival by 8350 votes, then how many valid votes were polled in that election?

Ans
- ✗ 1. 1,02,000
- ✗ 2. 2,10,000
- ✗ 3. 1,90,000
- ✓ 4. 1,00,200

Q.22 The population of a town increases by 5% every year. If the present population of the town is 282240, then what was the population of the town 2 years ago?

Ans
- ✗ 1. 266000
- ✓ 2. 256000
- ✗ 3. 228000
- ✗ 4. 225000

Q.23 Shital covers a certain distance in 9 hours at the speed of 40 km/h. If she wants to cover the same distance in 6 hours, then by how much will she have to increase her speed (in km/h)?

Ans
  ✗ 1. 12

  ✗ 2. 15

  ✗ 3. 18

  ✓ 4. 20

Q.24 A steel rod of 4 cm diameter and 14 cm length is used in the making of solid cubical dice. If the length of each side of each dice is 4 mm, then how many such dice can be made from this rod? [Use $\pi = \frac{22}{7}$]

Ans
  ✓ 1. 2750

  ✗ 2. 3275

  ✗ 3. 2250

  ✗ 4. 2050

Q.25 Study the given bar-graph and answer the question that follows.
The bar-graph given below shows the distribution of the expenditure of the Company ABC under different heads during a given year as percentages of the total expenditure of the company during that year. The total annual expenditure of the company is ₹30 crores.

Percentage of expenditure of the Company ABC under different heads
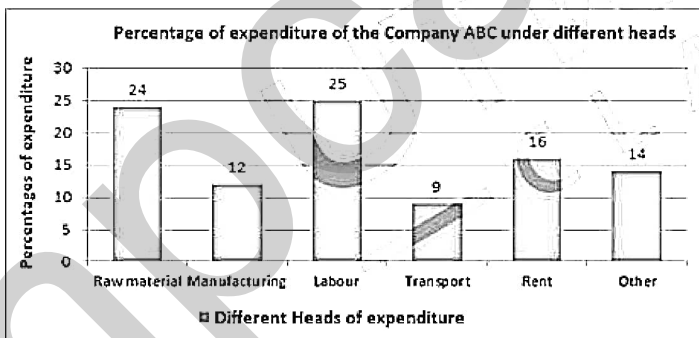
What is the difference (in ₹) between the amount spent on rent and that on other expenses?

Ans
  ✗ 1. 0.8 crore

  ✗ 2. 1.5 crore

  ✗ 3. 1.2 crore

  ✓ 4. 0.6 crore

Section : General Awareness

Q.1 With which of the following sports is Aditi Ashok is associated?

Ans ✗ 1. Tennis

✗ 2. Shooting

✗ 3. Chess

✓ 4. Golf

Question ID : 26433047441
Status : **Answered**
Chosen Option : **4**

Q.2 The Coriolis Force is caused by:

Ans ✓ 1. earth's rotation

✗ 2. sunlight

✗ 3. tidal waves

✗ 4. wind

Question ID : 26433047728
Status : **Answered**
Chosen Option : **3**

Q.3 Which of the following physical quantities has same SI unit as that of work?

Ans ✗ 1. Pressure

✗ 2. Power

✗ 3. Force

✓ 4. Energy

Question ID : 26433047248
Status : **Answered**
Chosen Option : **4**

Q.4 Who was conferred with the National Nritya Shiromani Award 2022?

Ans ✗ 1. Anindita Neogy Anaam

✓ 2. Aparna Satheesan

✗ 3. Shantha Dhananjayan

✗ 4. Birju Maharaj

Question ID : 26433047737
Status : **Not Answered**
Chosen Option : --

Q.5 Who became Indian Air Force's first woman fighter pilot from Jammu and Kashmir in 2021?

Ans ✗ 1. Punita Arora

✗ 2. Mitali Madhumita

✗ 3. Padmavathy Bandopadhyay

✓ 4. Mawya Sudan

Question ID : 26433046994
Status : **Answered**

Q.6 _____ is a popular game in Assam and resembles kabaddi played with a ball.

Ans   ✗ 1. Field Hockey

       ✗ 2. Kho-Kho

       ✗ 3. Cricket

       ✓ 4. Dhopkhel

Question ID : 26433046941
Status : **Answered**
Chosen Option : **4**

Q.7 In which year did the Mongols under Genghis Khan invade Transoxiana in North-East Iran?

Ans   ✓ 1. 1219

       ✗ 2. 1208

       ✗ 3. 1213

       ✗ 4. 1205

Question ID : 26433047307
Status : **Not Answered**
Chosen Option : --

Q.8 Which of the following classifications do humans NOT fall under?

Ans   ✗ 1. Chordata

       ✓ 2. Porifera

       ✗ 3. Hominidae

       ✗ 4. Vertebrata

Question ID : 26433047724
Status : **Answered**
Chosen Option : **2**

Q.9 Ramabhar Stupa, which marks the site where Lord Buddha was cremated, is situated in which state of India?

Ans   ✗ 1. Himachal Pradesh

       ✗ 2. Bihar

       ✗ 3. Madhya Pradesh

       ✓ 4. Uttar Pradesh

Question ID : 26433047297
Status : **Answered**
Chosen Option : **2**

Q.10 Which author wrote the famous novel, 'The White Tiger'?

Ans ✗ 1. Vikram Seth

✗ 2. Jhumpa Lahiri

✗ 3. Arundhati Roy

✓ 4. Aravind Adiga

Question ID : 26433047010
Status : **Not Answered**
Chosen Option : --

Q.11 Onam is an annual Hindu festival with origins in the state of _____ in India.

Ans ✗ 1. Jharkhand

✗ 2. Manipur

✓ 3. Kerala

✗ 4. Mizoram

Question ID : 26433047246
Status : **Answered**
Chosen Option : 3

Q.12 Who among the following Indian singers received the 'Bharat Ratna' in 2001?

Ans ✗ 1. Asha Bhosle

✗ 2. Ali Akbar Khan

✗ 3. Shreya Ghoshal

✓ 4. Lata Mangeshkar

Question ID : 26433047011
Status : **Answered**
Chosen Option : 4

Q.13 The minimum temperature of the day occurs generally _____.

Ans ✗ 1. in the evening

✗ 2. at night

✗ 3. in the afternoon

✓ 4. in the early morning

Question ID : 26433047301
Status : **Answered**
Chosen Option : 4

Q.14 The Begums of Bhopal founded a primary school for girls in the early twentieth century at _____.

Ans ✗ 1. Lahore

✗ 2. Bombay

✓ 3. Aligarh

✗ 4. Pune

Question ID : 26433047733
Status : **Not Answered**

Q.15 Which scheme was launched in February 2022 to provide welfare and rehabilitation to the transgender community and the people engaged in the act of begging?

Ans ✓ 1. SMILE Scheme

✗ 2. CLAP Scheme

✗ 3. DevINE Scheme

✗ 4. Sadbhavana Scheme

Question ID : 26433047293
Status : **Answered**
Chosen Option : **4**

Q.16 Adityanath Yogi won from which constituency in the 2022 assembly elections?

Ans ✗ 1. Bilaspur

✗ 2. Muzaffarnagar

✓ 3. Gorakhpur (Urban)

✗ 4. Noida

Question ID : 26433047739
Status : **Answered**
Chosen Option : **3**

Q.17 In the 18th century, the British fought _____ wars with the Mysore rulers.

Ans ✗ 1. Two

✗ 2. Six

✗ 3. Three

✓ 4. Four

Question ID : 26433047609
Status : **Answered**
Chosen Option : **4**

Q.18 Sam has an income of ₹9 lakh per annum. Which tax slab (new regime) of India is applicable to him?

Ans ✓ 1. 15%

✗ 2. 10%

✗ 3. 5%

✗ 4. 20%

Question ID : 26433047017
Status : **Answered**
Chosen Option : **3**

Q.19 Which of the following pairs of 'Natural source – Acid' is NOT correctly matched?

Ans ✓ 1. Tamarind – Oxalic acid

✗ 2. Vinegar – Acetic acid

✗ 3. Curd – Lactic acid

✗ 4. Orange – Citric acid

Question ID : 26433047600
Status : **Answered**
Chosen Option : **1**

Q.20 Which type of unemployment is mostly found in urban areas?

Ans ✓ 1. Educated unemployment

✗ 2. Cyclic unemployment

✗ 3. Open unemployment

✗ 4. Seasonal unemployment

Question ID : 26433047105
Status : **Answered**
Chosen Option : **1**

Q.21 Who, with the help of Kautilya, overthrew Dhanananda, the last Nanda ruler, in 322 BC?

Ans ✗ 1. Ashoka

✓ 2. Chandragupta Maurya

✗ 3. Akbar

✗ 4. Kalashoka

Question ID : 26433047006
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following airports is located in Amritsar?

Ans ✗ 1. Thiruvananthapuram International Airport

✗ 2. Dr Babasaheb Ambedkar International Airport

✓ 3. Sri Guru Ram Das Ji International Airport

✗ 4. Indira Gandhi International Airport

Question ID : 26433047302
Status : **Answered**
Chosen Option : **3**

Q.23 Push and pull factors are associated with which component of the population?

Ans ✓ 1. Migration

✗ 2. Death rate

✗ 3. Birth rate

✗ 4. Age

Question ID : 26433047555
Status : **Answered**

Q.24 Who among the following was the first to bring the concept of modern dance to India with his novel approach and works?

Ans   ✗ 1. Guru Bipin Singh

     ✗ 2. Padma Subrahmanyam

     ✗ 3. Kelucharan Mohapatra

     ✓ 4. Uday Shankar

Question ID : 26433047595
Status : **Not Answered**
Chosen Option : --

Q.25 According to the Indian Constitution, no child below the age of _____years shall be employed to work in any factory or mine or engaged in any other hazardous employment.

Ans   ✓ 1. fourteen

     ✗ 2. ten

     ✗ 3. twelve

     ✗ 4. sixteen

Question ID : 26433047313
Status : **Answered**
Chosen Option : **4**