

PART - A

1. Consider the following sentence with a blank to be filled in :

"Sound education is \_\_\_\_\_ to pupils in this institution."

- (a) conceded
- (b) dispensed
- (c) furnished
- (d) imparted

2. Fill in the blank with the correct idiom :

He has \_\_\_\_\_ by establishing the first private university in India.

- (a) created a genre
- (b) initiated a yardstick
- (c) made history
- (d) designed a milestone

3. A person who is born into a rich, famous or important family is called :

- (a) Factotum
- (b) Scion
- (c) Warmonger
- (d) Recusant

4. If your boss continually praises you for meticulous attention to detail and polite conduct, which of the following most appropriately describes you ?

- (a) Peremptory
- (b) Perfunctory
- (c) Punctilious
- (d) Proficient

5. What is the synonym of the underlined word in the following sentence ?

The languid student was always late to the class.

- (a) Lamenting
- (b) Indifferent
- (c) Difficult
- (d) Engaged

6. What is the antonym of the underlined word in the following sentence ?

There is a paucity of information on the nutritive value of this item.

- (a) Abundance
- (b) Scarcity
- (c) Deficiency
- (d) Inadequacy

7. Fill in the blank in the following sentence using one of the words that follow :

The policeman was running very fast \_\_\_\_\_ the thief.

- (a) unto
- (b) behind
- (c) for
- (d) into

8. Consider the following sentences :

I You have to choose within bread and milk.

II Children are standing in the corner of the room.

III. Whom do you think won the prize ?

Which of the above sentences is/are grammatically correct ?

- ~~(a) I only~~
- (b) III only
- ~~(c) I, II and III~~
- (d) None

9. Consider the following sentence :

He is head and shoulders above everyone in the group.

Which one of the following expresses the meaning of the underlined phrase in the sentence ?

- ~~(a) To be inferior to~~
- (b) To be most confused
- (c) To be altogether superior to
- (d) To be most handsome

10. Consider the following sentences :

I. Man is mortal.

II. Gold is a precious metal.

III. Cotton grows in India.

In how many of the above sentences is an article needed at the beginning of the sentence ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

11. Consider the following statement :

"He does not reveal his thoughts or feelings readily."

Which one of the following words most appropriately describes the person's character ?

- (a) Reticent
- (b) Intangible
- (c) Upfront
- (d) Transient

12. Fill in the blank by choosing the correct option :

"I think she is busy at the moment because \_\_\_\_\_ (she, wash) her clothes."

- (a) she was washing
- (b) she has just washed
- (c) she is washing
- (d) she had been washing

13. What is the meaning of the underlined part of the following sentence ?

"In future I will paddle my own canoe without seeking support."

- (a) To lean on one's siblings for support
- (b) To utilize one's contacts
- (c) To be independent and self-reliant
- (d) To use one's own pitch

14. What is the meaning of the underlined part of the following sentence ?

"She went through an emotional roller-coaster while attending the tumultuous family event."

- (a) Enjoying life to the fullest
- (b) Taking the emotions very seriously
- (c) Talking to people who are emotional
- (d) Undergoing great mood swings

15. Read the following two statements, each given in the form of Active Voice and Passive Voice :

	Active Voice	Passive Voice
I.	I know you.	I am known to you.
II.	His presence irritates me sometimes.	I am sometimes irritated by his presence.

In which of the above is the Active Voice correctly expressed in the Passive Voice ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

16. Read the following two statements, each given in the form of Active Voice and Passive Voice :

	Active Voice	Passive Voice
I.	We were investigating the matter.	The matter is being investigated by us.
II.	The Government gave him an award.	He got an award from the Government.

In which of the above is the Active Voice correctly expressed in the Passive Voice ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II



17. Read the following two statements, each given in the form of Direct Speech and Indirect Speech :

	Direct Speech	Indirect Speech
I.	He said to me, "Please wait here until I return."	He <u>requested</u> me to wait here until he returned.
II.	The taxi driver said to us, "Where are you going?"	The taxi driver enquired of us where we were going.

In which of the above is the Direct Speech correctly expressed in the Indirect Speech ?

- (a) I only  
 (b) II only  
 (c) Both I and II  
 (d) Neither I nor II

18. Read the following two statements, each given in the form of Direct Speech and Indirect Speech :

	Direct Speech	Indirect Speech
I.	I said to him, "Go away."	I <u>ordered</u> him to go away.
II.	I shouted, "Let me go."	I ordered them to let me go.

In which of the above is the Direct Speech correctly expressed in the Indirect Speech ?

- (a) I only  
 (b) II only  
 (c) Both I and II  
 (d) Neither I nor II

19. Read the following pairs :

	Idiom	Meaning
I.	A rolling stone gathers no moss	A person who does not settle down will not attain success
II.	To have a bee in your bonnet	To talk and think excessively about something

Which of the above pairs is/are correctly matched ?

- (a) I only  
 (b) II only  
 (c) Both I and II  
 (d) Neither I nor II

20. Fill in the blanks with appropriate prepositions given below :

We cut \_\_\_\_\_ the fence and snuck \_\_\_\_\_ the secret private basement.

- (a) into, through  
 (b) in, into  
 (c) into, by  
 (d) through, into

21. Consider the following :

- I. Adverb clause of time
- II. Adverb clause of morals
- III. Adverb clause of manner
- IV. Adverb clause of place

How many of the above are adverb clauses ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

22. Consider the following :

- I. An assertive sentence or statement is a sentence that states a fact.
- II. An imperative sentence is a sentence that gives advice or instructions.
- III. An interrogative sentence is a sentence that asks a question.

Which of the above are correct ?

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

23. What is the correct format for the interrogative sentences in present perfect continuous tense ?

- (a) Has/have + subject + been + present participle + ..... ?
- (b) Has/have + have + subject + present participle + ..... ?
- (c) Been + has/have + subject + present participle + ..... ?
- (d) Subject + been + has/have + present participle + ..... ?

24. What is the correct format for interrogative-negative sentence in the past continuous tense ?

- (a) Was/were + not + subject + present participle + ..... ?
- (b) Was/were + subject + not + present participle + ..... ?
- (c) Was/were + present participle + subject + not + ..... ?
- (d) Present participle + was/were + not + subject + ..... ?

25. Consider the following statements :

- I. All adverbs have three degrees of comparison — positive, comparative, superlative.
- II. Adverbs modify a verb, an adjective, an adverb.
- III. Adjectives have three degrees of comparison — positive, comparative, superlative.

How many of the above statements is/are correct ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

26. Consider the following pairs :

- I. Semicolon - is used to separate two related sentences where there is no conjunction
- II. Colon - is used to combine statements which are similar in nature
- III. Apostrophe - is used in genitive forms, contracted forms and abbreviations

How many of the pairs given above is/are correctly matched ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

27. Consider the following sentence :

"So much can be gained from a single act of goodwill."

The above sentence is an example of which form of adjective ?

- (a) Cardinal
- (b) Ordinal
- (c) Multiplicative
- (d) Indefinite

28. Consider the following pairs :

	Sentence with a blank to fill in	Most appropriate word to fill in
I.	The members of a society must abide ____ its rules.	in
II.	Candidates must comply ____ the rules of the examination.	with
III.	I would not intrude ____ your privacy.	on
IV.	Every man must be fully alive ____ his responsibilities.	for

How many of the above pairs is/are correctly matched ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four



29. Consider the following statements :

- I. I take exception to your remark.
- II. I have great respect for his learning.

Which of the statements given above is/are grammatically correct ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

30. Consider the following words :

- I. Appaling
- II. Conceive
- III. Liesurely
- IV. Worshipped

How many of the above words is/are misspelled?

- (a) Only one
- (b) Only two
- ~~(c) Only three~~
- ~~(d) All four~~

31. When somebody says "the boss was livid when yet another deadline was missed", which one of the following words appropriately describes the boss's state of mind ?

- (a) Contrite
- (b) Furious
- (c) Placid
- (d) Amenable

32. If your friend reveals his personal life to you because he trusts you to be discreet, which one of the following appropriately describes you ?

- (a) Conciliatory
- ~~(b) Dauntless~~
- (c) Gregarious
- ~~(d) Prudent~~

33. The phrases 'look down upon' and 'intense dislike' denote which one of the following ?

- (a) Conceit
- (b) Disdain
- (c) Enigmatic
- (d) Indignant

34. Consider the following pairs :

	Phrase	Meaning
I.	Likely to happen without delay	Imminent
II.	Inclined to silence	Parsimonious
III.	Unwilling to spend	Taciturn

Which of the above is/are correctly matched ?

- (a) I only
- (b) II and III
- (c) I and III
- (d) II only

35. Consider the following words :

- I. Advance
- II. Escalate
- III. Lighten
- IV. Retain

Which two of the above words constitute one synonym and one antonym for the word "Alleviate"?

- (a) I and II
- (b) II and III
- (c) I and IV
- (d) III and IV

36. Consider the following words :

- I. Calm
- II. Excite
- III. Polite
- IV. Relieve

Which of the above words are synonyms for the word "Assuage"?

- (a) I and II
- (b) II and III
- (c) I and IV
- (d) III and IV

37. Which one of the following words correctly means "above board"?

- (a) Across
- (b) Honest
- (c) Invincible
- (d) Imperious

38. What does "be in the same boat" mean?

- (a) Be in the same difficult circumstances as others
- (b) Be in competition with others to win a race or prize
- (c) To work tirelessly for the welfare of one's fellow beings
- (d) To be faithful and loyal to norms and traditions of one's community

39. What does the phrase "the coast is clear" mean?

- (a) Life is pleasant and comfortable
- (b) To be free of responsibilities and liabilities
- (c) There is no danger of being caught
- (d) Free of threat by sea

40. Consider the following statement :

"The way he appears or behaves is not true or real."

Which one of the following words most appropriately describes the person's character?

- (a) Caveat
- (b) Felony
- (c) Masquerade
- (d) Narcissist



Read the following passage and answer the item that follows the passage. Your answer to this item should be based on the passage only.

### Passage

The responsibility that devolves on the press is very great. The freedom of the press enjoys a sacred privilege, but it must not be exercised to serve communal and sectional interests. Passions and prejudices must not be allowed to dominate this privilege. It should not be abused to foster a partisan spirit and encourage fissiparous tendencies. It should mirror public opinion, but it also should guard public welfare. It must remember to exercise restraint and wisdom while throwing light on contemporary events.

41. Which one of the following statements best reflects the critical message conveyed by the author of the passage?
- (a) The press must be responsible as it shapes public opinion.
- (b) The press is the guardian of freedom of expression.
- (c) The press is an independent institution and is free to influence people's way of thinking.
- (d) The only task of press is to report events happening around.
42. Consider the following statements :
- I. He regretted for his mistake.
- II. We ought to make exercise daily.
- III. This has been going on for a long time.
- Which of the statements given above is/are grammatically correct?
- (a) I and II
- (b) II only
- (c) I and III
- (d) III only

43. Consider the following statements :
- I. He is now ashamed from his conduct.
- II. He is now ashamed of his conduct.
- III. I congratulate you for your success.
- IV. I congratulate you on your success.
- Which two of the statements given above are correct?

- (a) I and III
- (b) II and IV
- (c) I and IV
- (d) II and III

44. Consider the following statements :

- I. No less than seventy people were hurt in the accident.
- II. One must finish his duty on time.
- III. He took off his sweater.

Which of the statements given above is/are grammatically correct?

- (a) I and II
- (b) II only
- (c) I and III
- (d) III only

45. Consider the following :

The teacher has become so stern that his popularity is on the wane.

It means :

- (a) The teacher's increasing popularity has made him more strict.
- (b) The teacher's increasing strictness has made him more popular.
- (c) The teacher's decreasing popularity has made him more strict.
- (d) The teacher's increasing strictness has made him less popular.

46. Consider the following :

He bears his troubles bravely, never begs for sympathy, never yields to sorrow and never shows pain.

What is the most appropriate word that describes him ?

- (a) Vivacious
- (b) Stoical
- (c) Magnanimous
- (d) Effusive

47. Consider the following :

"This boy takes after his father."

What does it mean ?

- (a) This boy follows his father's advice.
- (b) This boy steals from his father's wallet.
- (c) This boy manages his father's affairs.
- (d) This boy resembles his father.

48. Consider the following statements :

- I. We happened to meet at the house of common friend.
- II. The book you mention is out of print.
- III. The Himalayas lie to north of India.

In which of the above statements is an article missing ?

- (a) I and II
- (b) II only
- (c) I and III
- (d) III only

49. Consider the following pairs of statements :

	Affirmative form	Negative form
I.	He is sometimes foolish.	He is not always wise.
II.	Every man makes mistakes sometimes.	Every man does not make mistakes.
III.	He is greater than I.	I am not as great as he.

Which of the pairs given above is/are correctly matched ?

- (a) I, II and III
- (b) II only
- (c) I and III only
- (d) III only

50. Consider the following pairs of statements :

	Statement	Meaning
I.	My heart is too full for words.	My heart is so full of words that I am compelled to talk.
II.	If you eat too much you will be ill.	Do not eat too much lest you will be ill.
III.	But for you I should have caught the train.	I should have caught the train to be with you.

Which of the pairs given above is/are correctly matched ?

- (a) I and II
- (b) II only
- (c) I and III
- (d) III only



$180 = 2 \times 3 \times 3 \times 3$

(2) (3)

A B C D

PART - B

51. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

Question : What are the natural numbers x and y?

Statement-I :  $x/y$  is odd.

Statement-II :  $xy = 180$ .

Which one of the following is correct in respect of the above Question and the statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

52. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

Question : If the ratio of two natural numbers is  $29/31$ , then what are the two numbers?

Statement-I : HCF of the numbers is 4.

Statement-II : LCM of the numbers is 3596.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

53. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

Question : What is the digit in unit place of a 4-digit number?

Statement-I : The sum of the digits of the number is 34.

Statement-II : If digits in the unit place and thousandth place are interchanged, the number remains the same.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

54. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

A body falls from rest on a planet. Its distance from the starting point varies as square of time of descent.

Question : How long will it take to fall through a distance of 80 m?

Statement-I : It takes 10 seconds to fall through a distance of 500 m.

Statement-II : It takes 5 seconds to fall through a distance of 125 m.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.



55. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

p, q, r, s and t are five consecutive even integers.

Question: What is the average of p, q, r, s, t?

Statement-I:  $p + q + r = 0$ .

Statement-II:  $q + s + t = 10$ .

Which one of the following is correct in respect of the above Question and the Statements?

- $p, q, r = 0$   
 $0 + 10 + 9 = 19$   
(5)
- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

56.

A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

p, q, r and s are real numbers.

Question: Is  $(q + s)$  positive?

Statement-I:  $p + q + r + s > 0$ .

Statement-II:  $p + q > r + s$ .

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

57.

A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

Question: If x, y and z are three integers, then what is the value of xyz?

Statement-I: x, y and z are distinct prime numbers.

Statement-II: xyz divides 10800.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

58.

A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

LCM of two numbers p and q is 869.

Question: What is the difference between the two numbers?

Statement-I:  $p > 1, q > 1$ .

Statement-II: Sum of the two numbers is 90.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question can be answered without using these Statements.

g 4 > 7 + 2

869

59. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

There are two spheres whose radii are  $r$  and  $R$  ( $r < R$ ), each less than 21 units. The difference in their surface areas is 1848 square units. (take  $\pi = 22/7$ )

Question: What are the values of  $r$  and  $R$ ?

Statement-I:  $r$  is an integer.

Statement-II:  $R$  is an integer.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question can be answered without using these Statements.

60. A Question is given followed by two Statements I and II. Consider the Question and the Statements and mark the correct option.

Question: What is the remainder when  $(x + 1)^n$  is divided by  $x$  ( $n$  is a natural number)?

Statement-I:  $n$  is divisible by 4.

Statement-II:  $n$  is divisible by 3.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question can be answered without using these Statements.

61. Let  $A, B, C$  be distinct digits. Consider a 2-digit number  $(AB)$  and a 3-digit number  $(BCB)$ . If  $(AB)^2 = (BCB)$  where  $(BCB) > 500$ , then what is the possible value of  $(A + B + C)$ ?

- (a) 12
- (b) 13
- (c) 15
- (d) 20

Handwritten notes:  $505$ ,  $635$ ,  $505$

62. If the sum of all possible 2-digit numbers (without repetition of digits) formed from four non-zero distinct digits  $A, B, C, D$  is 660, then what is the average of these four digits?

- (a) 3
- (b) 4
- (c) 5

(d) Cannot be determined due to insufficient data

63. What is the remainder when  $10^{10} + 10^{100} + 10^{1000} + 10^{10000} + \dots + 10^{1000000000}$  is divided by 9?

- (a) 0
- (b) 1
- (c) 5
- (d) 8

64. The HCF of the numbers  $n + 3$  and  $2n + 1$  is 5, where  $n$  is a natural number. How many such pairs of numbers are there if  $n \leq 50$ ?

- (a) 11
- (b) 10
- (c) 9
- (d) 8

65.  $N$  is a number which has 12 distinct factors. The number  $2N$  has 16 distinct factors. How many distinct factors does  $4N$  have?

- (a) 20
- (b) 24
- (c) 30
- (d) 32



66. Consider the sequence  
A A A B A A B B A B B B A B B of 4 blocks.  
 Complete the sequence by filling in the gaps  
 such that there is uniform pattern change.  
 Which one of the following completes the  
 sequence?

- (a) B, A, B, A  
 (b) B, A, A, B  
 (c) A, A, B, B  
 (d) A, A, A, B

A - A A  
 B A - A  
 B B A -  
 B B B A  
 B B B B

67. In a certain code "CONJUNCTIVAL" is  
 shuffled as "NJCTALCOUNIV". How  
 is "EXTRAVAGANZA" written in that code?

- (a) AGTRZAEXANAV  
 (b) AGZATREXAVAN  
 (c) TRAGEXZAAVAN  
 (d) TRAGZAEAXVAN

68. How many numbers less than 80 have exactly  
 four distinct factors?

- (a) 21  
 (b) 22  
 (c) 23  
 (d) 24

69. Let P, Q be two distinct non-zero digits.  
 Consider two 2-digit numbers PQ and  
 QP. Multiplication of PQ with QP gives a  
 4-digit number 6XY6. What is the value of  
 $P + Q + X + Y$ ?

- (a) 32  
 (b) 30  
 (c) 28  
 (d) 26

PQ  
 QP  
 -----  
 6XY6

70. During a cricket match, team A playing  
 against team B scored in the following  
 manner and won the match:

Partnership	Runs scored
1 <sup>st</sup> wicket	62
2 <sup>nd</sup> wicket	48
3 <sup>rd</sup> wicket	32
4 <sup>th</sup> wicket	62
5 <sup>th</sup> wicket	26
6 <sup>th</sup> wicket	13

What is the maximum average runs scored by  
 the first five batsmen?

- (a) 46  
 (b) 47  
 (c) 48.2  
 (d) 48.6

71.

A rectangular wooden block has length 10 cm,  
 breadth 5 cm and height 1 cm. Both sides  
 having dimensions 10 cm  $\times$  1 cm are painted  
 in black colour. Both sides having dimensions  
 5 cm  $\times$  1 cm are painted in green colour. Both  
 sides having dimensions 10 cm  $\times$  5 cm are  
 painted in red colour. The whole block is cut  
 into cubes, each of length 1 cm. Which of the  
 following statements is/are correct?

- I. The number of cubes having four  
 coloured sides and two sides with no  
 colour is 4.  
 II. The number of cubes having two sides  
 with red colour and four sides without  
 colour is 24.

Select the answer using the code given below:

- (a) I only  
 (b) II only  
 (c) Both I and II  
 (d) Neither I nor II

Handwritten calculations and notes at the bottom of the page, including:  
 150, 80, 170, 100, 90, 190, 6400, 252, 1300, 197, 10P+P, 169+P, 10P+P, 192, 24P, 10P+P, 169+P, 10P+P, 192, 24P.



72. What letter should be the 11<sup>th</sup> letter to the left of the 10<sup>th</sup> letter from the right, if the first half of the English alphabet is reversed?

- (a) U
- (b) H
- (c) G
- (d) I

73. Let  $N = xyz$  be a 3-digit number, where  $x, y, z$  are non-zero digits. Five times the sum of the digits of  $N$  is equal to the product of the digits. How many values of  $x + y + z$  are possible?

- (a) Only one
- (b) Only two
- (c) Only four
- (d) More than four

74. If  $p$  implies '+',  $q$  implies '-',  $r$  implies 'x',  $s$  implies '÷', then insert the proper letter between the figures in order to satisfy the equality  $12 \_ 5 \_ 50 \_ 10 \_ 13 = 0$ . Which one is the correct sequence of letters?

- (a) r, q, s, p
- (b) p, r, s, q
- (c) p, s, r, q
- (d) q, r, s, p

Handwritten calculations for Q74:

$$12 + 5 \times 50 \div 10 - 13 = 0$$

$$12 + 5 \div 50 \times 10 - 13 = 0$$

$$1 - 5 \times 50 \div 10 \times 13 = 0$$

75. In a certain code, MANGO is coded as 50 and DATE is coded as 30. What should be the code for ORANGE?

- (a) 75
- (b) 70
- (c) 65
- (d) 60

Handwritten calculations for Q75:

$$13 - 1 \quad 14 \quad 15$$

$$4 \quad 1 \quad 5$$

$$7$$

$$20$$

76. Which case converts every character of every word of selected sentence to Capital?

- (a) Toggle
- (b) Title
- (c) Upper
- (d) Sentence

77. Consider the following in respect to e-mail:

- I. The e-mail works on the client-server model.
- II. Both the sender of e-mail and the recipient of e-mail are e-mail clients.
- III. The e-mail server is a combination of processes running on a server with a large storage capacity.

Which of the statements given above are correct?

- (a) I and II only
- ~~(b) II and III only~~
- ~~(c) I and III only~~
- (d) I, II and III

Handwritten calculations at the bottom of the page:

$$1 \quad 15 \quad 18 \quad 14 \quad 5$$

$$7$$

$$48$$

$$12$$

78. What is the main function of an input device in a computer ?

- (a) Receiving data from a computer
- (b) Storing data for processing
- (c) Providing data to a computer
- (d) Processing the data

79. Consider the following technologies :

- I Light-Emitting Diode
- II. Digital Signal Processor
- III. Optical Sensor

Which of the above are parts of an optical mouse ?

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

80. Consider the following printers :

- I. Dot matrix printer
- II. Inkjet printer
- III. Laser printer
- IV. Drum printer

How many of the above are non-impact printers ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

81. Which of the following are modifier keys ?

- I. SHIFT
- II. ALT
- III. CTRL

Select the correct answer using the code given below :

- (a) ~~I and II only~~
- (b) ~~II and III only~~
- (c) I and III only
- (d) I, II and III

82. Consider the following keys :

- I. Escape
- II. Insert
- III. Delete
- IV. Print Screen
- V. Pause
- VI. Tab

How many of the above are special purpose keys ?

- (a) Only three
- (b) Only four
- (c) Only five
- (d) All six

83. Consider the following statements in respect of Spreadsheet :

- I. Spreadsheet is a system software that enables the user to maintain a worksheet in which information is stored in different cells.
- II. Each cell in the spreadsheet can contain numeric and alphanumeric data.
- III. MS Excel is an example of spreadsheet software.

Which of the statements given above are correct ?

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

84. Which one of the following is a destructive computer program that masquerades as a useful program ?

- (a) Virus
- (b) Worm
- (c) Trojan Horse
- (d) Ransomware

85. Which of the following are security services ?

- I. Confidentiality
- II. Authentication
- III. Non-repudiation

Select the correct answer using the code given below :

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

86. Consider the following :

- I. Dropbox
- II. Salesforce
- III. Netflix
- IV. Microsoft 365

How many of the above apply cloud computing ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four



87. Consider the following :

- I. Self-driving car
- II. Google Go
- III. Stock market prediction
- IV. E-mail spam detection

How many of the above are real-life examples of reinforcement learning ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

88. Which one of the following protocols is used in sending messages through E-mail ?

- (a) HTTP
- (b) SMTP
- (c) TCP
- (d) POP

89. Which one of the following is the fastest type of memory ?

- (a) Secondary memory
- (b) Cache memory
- (c) RAM
- (d) Primary memory

90. Which one of the following standards is used for wireless LAN ?

- (a) 802.10
- (b) 802.11
- (c) 802.15
- (d) 802.16

91. Consider the following statements :

- I. Atal Tinkering Labs are meant for the high school students.
- II. Atal Incubation Centres are meant for the graduate and post-graduate students.

Which of the statements given above is/are correct ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

92. Which one of the following awards is equated with Param Vir Chakra (PVC), the highest award for bravery in war ?

- (a) Param Vishisht Seva Medal (PVSM)
- (b) Kirti Chakra (KC)
- (c) Ashok Chakra (AC)
- (d) Sena/Vayu Sena Medal (SM)

93. Consider the following seas :

- I. Baltic Sea
- II. Caspian Sea
- III. North Sea
- IV. White Sea

The Russian Federation has borders with how many of the above seas ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

94. Which one of the following was the first temple-entry Satyagraha Movement?

- (a) Vaikom Satyagraha
- (b) Nagpur Flag Satyagraha
- (c) Tarakeswar Satyagraha
- (d) Guru-ka-Bagh Satyagraha

95. Maitree Super Thermal Power Project is related to which of the following two countries?

- (a) India - Nepal
- (b) India - Bangladesh
- (c) India - Bhutan
- (d) India - Sri Lanka

96. Mission Sagar is the name given to the Indian Navy's efforts to:

- (a) clean seas of waste and increase awareness about cleanliness.
- (b) bring home the stranded Indians from war-torn nations abroad.
- (c) make efforts to reach out to neighbouring countries with humanitarian assistance during calamities.
- (d) keep Indian Ocean safe and secure for own mercantile activity.

97. Consider the following Vice Presidents of India:

- I. Dr. S. Radhakrishnan
- II. Dr. Zakir Husain
- III. Dr. Shankar Dayal Sharma
- IV. Mohammad Hamid Ansari

How many of the above completed two terms in office?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

98. With reference to Reserve Bank of India (RBI), consider the following statements:

- I. RBI supplies credit to the Central Government.
- II. RBI provides credit to Commercial Banks.
- III. RBI provides credit to State Governments.

Which of the statements given above are correct?

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

99. Who among the following has won Men's Singles Title at World Table Tennis Feeder Beirut Tournament held in Lebanon in March, 2024?

- (a) Manav Vikas Thakkar
- (b) Subramanian Raman
- (c) Venugopal Chandrasekhar
- (d) Sathiyam Gnanasekaran

100. Which of the following statements about NATO are correct?

- I. The Headquarters is located in Brussels.
- II. Peace and security in both, Europe and North America is NATO's goal.
- III. With Sweden becoming a member, the count of NATO's members has risen to 31.

Select the answer using the code given below:

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

023 के ल सही सभा में उपबंध ओं के ए हैं।  
101. The President of India has discretionary power in :

- (a) the imposition of President's rule in a State.  
(b) withholding assent to the Money Bill.  
(c) the Proclamation of Emergency.  
(d) the appointment of the Prime Minister.

102. With reference to the history of India, which of the following statements is/are correct ?

- I. Independence Day was observed all over India on 26<sup>th</sup> January, 1930.  
II. The Indian Independence Act, 1947 was passed in the British Parliament.

Select the answer using the code given below :

- (a) I only  
(b) II only  
(c) Both I and II  
(d) Neither I nor II

103. Which of the following are partner countries in the Indo-Pacific Economic Framework for Prosperity (IPEF) ?

- I. Japan  
II. Bangladesh  
III. Indonesia  
IV. USA

Select the correct answer using the code given below :

- (a) I, II and III  
(b) I, II and IV  
(c) I, III and IV  
(d) II, III and IV

104. Which of the following statements is/are correct with reference to the Constitution (One Hundred and Sixth Amendment) Act, 2023 ?

- I. It has made provisions for the reservation of seats for women in the Legislative Assembly of NCT of Delhi.  
II. It has made provisions for the reservation of seats for women in the Lok Sabha and the Rajya Sabha.

Select the answer using the code given below :

- (a) I only  
(b) II only  
(c) Both I and II  
(d) Neither I nor II

105. Which of the following are tributaries of Chenab river ?

- I. Jhelum river  
II. Beas river  
III. Ravi river  
IV. Sengar river

Select the correct answer using the code given below :

- (a) I only  
(b) I and II  
(c) I and III  
(d) II, III and IV

106. Which among the following mountain peaks are not situated in India ?

- I. Dhaulagiri  
II. Kamet  
III. Makalu  
IV. Nanda Devi

Select the correct answer using the code given below :

- (a) I and II  
(b) I and III  
(c) II and III  
(d) III and IV



107. Black soil in India is rich in which of the following?

- I Iron
- II Phosphorus
- III Magnesia
- IV Organic matter

Select the correct answer using the code given below :

- (a) I only
- (b) I and II only
- (c) I and III only
- (d) II, III and IV only

108. Which of the following statements about the new Parliament building of India is/are correct?

- I The new Lok Sabha is themed on the national flower lotus.
- II The new Rajya Sabha is themed on the national bird peacock.

Select the answer using the code given below :

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

109. "M23" an armed rebel group is frequently talked about in media in the context of :

- (a) Democratic Republic of the Congo
- (b) Republic of Colombia
- (c) Republic of the Union of Myanmar
- (d) Republic of Yemen

110. Which one of the following is common to Namrup, Ramagundam, Sindri and Talcher?

- (a) Cotton production ✓
- (b) Fertilizer production ✓
- (c) Power production ✓
- (d) Steel production ✓

111. Which one of the following initiatives has been launched by the Government of India to encourage the workers in the unorganized sector to save voluntarily for their old age?

- (a) Pradhan Mantri Jan Vikas Karyakram
- (b) Pradhan Mantri Jan Dhan Yojana
- (c) Svamitva Yojana
- (d) Swavalamban Yojana

112. In India, the operations of monetary policy framework with the primary objective of maintaining price stability is the function of :

- (a) Ministry of Finance
- (b) Ministry of Statistics and Programme Implementation
- (c) Reserve Bank of India
- (d) NITI Aayog

113. With reference to Indian polity, consider the following statements :

- I. The moneys received by the Union Government from Provident Fund transactions are kept in Public Account.
- II. Parliamentary authorization is mandatory for all the disbursements made from Public Account.

Which of the statements given above is/are correct?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

114. India's "Operation Sankalp" is mentioned in the context of :

- (a) protecting Indian Flag Merchant Vessels.
- (b) joint military exercise between two countries.
- (c) providing humanitarian assistance to other countries.
- (d) disaster management and relief activities.

114. With reference to Indian polity, consider the following statements :

- I. Union Home Minister is the Chairman of the Inter-State Council.
- II. Prime Minister of India is the Chairman of all the Zonal Councils.

Which of the statements given above is/are correct ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

116. Consider the following States :

- I. Arunachal Pradesh
- II. Goa
- III. Meghalaya
- IV. Sikkim

Which of the States given above have their Legislative Assemblies consisting of less than 80 members?

- (a) I and IV
- (b) II and IV
- (c) I and III
- (d) II and III

117. With reference to Government of India, consider the following Departments :

- I. Department of Defence Research and Development
- II. Department of Justice
- III. Department of Atomic Energy
- IV. Department of Space

Which of the above are Independent Departments, not forming part of any Ministry ?

- (a) I, II and IV
- (b) II and III only
- (c) III and IV only
- (d) I, III and IV

118. Consider the following statements :

- I. Solicitor General of India is a Constitutional post.
- II. Solicitor General of India assists Attorney General of India.

Which of the statements given above is/are correct ?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

119. Which one of the following is an objective of Pradhan Mantri Bhartiya Janaushadhi Pariyojana ?

- (a) Extending the coverage of quality generic medicines to the people
- (b) Supplying quality medicines to rural people free of cost
- (c) Establishing special health centres in inaccessible areas and to maintain steady supply of medicings there
- (d) Supplying medicines freely to migrant workers in unorganized sector

120. With reference to Government of India, the Department of Border Management is under :

- (a) Ministry of Defence
- (b) Ministry of External Affairs
- (c) Ministry of Home Affairs
- (d) Ministry of Road Transport and Highways