

2022
APTITUDE COMPETITION
CLASS-VII
Time Allowed: 3(Three) hours

INSTRUCTIONS:

This booklet contains 60 questions. Each question comprises four possible answers. Select ONLY ONE answer which you consider the best and mark it on the answer sheet. All questions carry equal marks. No marks will be deducted for incorrect answers.

1. Fill in the blank.

Please put the cups ____ the table.

(A) on

(B) in

(C) at

(D) over

2. Choose the correct statement.

(A) I'll write a letter when I will reach Imphal.

(B) I'll write a letter as I reach Imphal.

(C) I'll write a letter when I shall reach Imphal.

(D) I'll write a letter when I reach Imphal.

3. Change the sentence to *Interrogative*.

My friend speaks good Spanish.

(A) Is my friend speak good Spanish?

(B) Has my friend speak good Spanish?

(C) Does my friend speak good Spanish?

(D) Do my friend speaks good Spanish?

4. Identify the Tense

I shall be meeting Thoibi in the market.

(A) future perfect tense

(B) future continuous tense

(C) future perfect continuous tense (D) simple future tense

5. Change from *active voice* to *passive voice*.

She kept me waiting

- (A) I was kept waiting (by her) (B) I have been kept waiting
(C) I have kept waiting (by her) (D) I was made to wait (by her)

6. Fill in the blank

Chaoba was terrified_____ against him.

- (A) in speaking (B) for speaking
(C) to speak (D) at speaking

7. Choose the correct statement

- (A) The ship was drowned (B) The ship drowned
(C) The ship sank (D) The ship had sank

8. Convert the following sentence into an affirmative sentence.

Who would not love his country?

- (A) No one loves his country (B) Everyone loves his country
(C) Someone loves his country (D) Everyone does not love his country

9. Find out the correct sentence among the following

- (A) He is a man of a few words (B) The students have not done nothing
(C) Riya has no any friend (D) Either team may win the game

10. Choose the most appropriate word to fill in the blank

The boy _____ at her face furiously.

- (A) saw (B) see
(C) looked (D) watch

(Read the following passage and answer questions 11 to 15)

Mother Teresa was born Agnes Gonxha Bojaxhiu in Skopje, Macedonia, on August 26, 1910. At the age of eighteen, she left her parental home in Skopje and joined the Loreto convent in Dublin in 1928. From there she was sent to Calcutta in 1929. Mother Teresa taught at St. Mary's High School in Calcutta for 15 years before being appointed Principal. But the suffering and poverty she glimpsed outside the convent walls made such a deep impression on her. On a train journey to Darjeeling in September 1946, Mother Teresa heard the voice of God telling her to go out into the slums of Calcutta to serve him by tending to the poorest of the poor. In 1948 She left the Loreto convent and formed her own order, The Missionaries of Charity, and devoted herself to working among the poorest of the poor in the slums of Calcutta till her death. In 1963 the Indian government awarded her the Padmashri ("Lord of the Lotus") for her services to the people of India, and in 1979 she received the Nobel Prize for Peace. After she died in 1997, Mother Teresa was buried in the Loreto convent Chapel in Calcutta.

11. Mother Teresa left St. Mary's High School for what reason?

- | | |
|--|--|
| (A) She was not happy with the role of a teacher | (B) She wanted to devote her time to helping the poor in the slums |
| (C) She was transferred to another Mission | (D) She wanted to take a break after 15 years of teaching |

12. Which organisations did Mother Teresa join before moving to India?

- | | |
|-----------------------------|-----------------------|
| (A) Loreto Convent | (B) Sisters of Dublin |
| (C) Missionaries of Charity | (D) None of these |

13. Mother Teresa's original name was

- | | |
|----------------|---------------------------|
| (A) St. Mary | (B) Sister Teresa |
| (C) St. Teresa | (D) Agnes Gonxha Bojaxhiu |

14. What was Mother Teresa's position in Calcutta in 1935?

(A) She was working at The Missionaries of Charity

(B) She was helping the poor in the slums

(C) She was teaching at St.Mary's High School

(D) All the above

15. When did God tell Mother Teresa to go to the slums and help the poor?

(A) During a Bus ride to Darjeeling

(B) In her dreams

(C) During a Train Journey to Darjeeling

(D) In her Childhood in Skopje

16. Thoiba had a packet of 20 sketch pens. He gave 12 to Kaoba and 6 to Bina. What fractions of the packet did he give to Kaoba and Bina?

(A) $\frac{3}{10}$

(B) $\frac{4}{5}$

(C) $\frac{9}{10}$

(D) $\frac{1}{5}$

17. A man travelled two-fifths of his journey by train, one-third by bus, one-fourth by car, and the remaining 3 Km on foot. What is the length of his journey travelled by train?

(A) 75 Km

(B) 72 Km

(C) 80 Km

(D) 85 Km

18. Which of the following is the largest fraction?

(A) $\frac{5}{6}$

(B) $\frac{9}{10}$

(C) $\frac{7}{9}$

(D) $\frac{10}{11}$

19. $\frac{4}{5}$ of 0.025 is equal to

(A) 0.0002

(B) 0.002

(C) 0.02

(D) 0.2

20. Find the value of $617 + 6.017 + 0.617 + 6.0017$

(A) 6.2963

(B) 62.965

(C) 629.6357

(D) 62.8975

21. The simplification of $1 + \frac{1}{10} + \frac{1}{100} + \frac{1}{1000}$ in decimal form gives

(A) 1.0001

(B) 1.111

(C) 1.001

(D) 0.111

22. Find the product: $2 \times 0.2 \times 0.02 \times 0.002$

(A) 0.016

(B) 0.0016

(C) 0.00016

(D) 0.000016

23. Which of the following is equivalent to 1.01?

(A) 101%

(B) 1.01%

(C) 10.1%

(D) 0.1010%

24. Mean of first five-even number is

(A) 4

(B) 5

(C) 6

(D) 7

25. The average of 4 numbers is 7. If the sum of the first 3 numbers is 20, find the fourth number.

(A) 7

(B) 10

(C) 9

(D) 8

26. The number of chocolates in 30 gift packs are given as follows:

5, 6, 4, 5, 3, 4, 4, 2, 5, 4, 1, 2, 11, 9, 2, 5, 4, 8, 7, 6, 5, 1, 2, 5, 7, 8, 1, 9, 7, 8

Find the average number of chocolates in gift packs.

(A) 4

(B) 5

(C) 6

(D) 7

27. Which one of the following is a false statement?

(A) Mode is always one of the numbers in a data

(B) Mean is one of the numbers in a data

- (C) Median is always one of the numbers in a data (D) There may be more than one Mode in a data

28. At Shimla, the temperature was -7°C on Tuesday. It then dropped by 3°C on Wednesday. On Thursday, it rose by 6°C . What was the temperature of Shimla on Wednesday and Thursday respectively?

- (A) -4°C , -10°C (B) -10°C , -4°C
(C) -12°C , 8°C (D) -10°C , 4°C

29. A rational number $\frac{-2}{3}$

- (A) Lies to the left side of 0 on the number line (B) Lies to the right side of 0 on the number line
(C) It is not possible to represent on the number line (D) Cannot be determined on which side the number lies

30. Which of the following are a negative integer and a positive integer whose sum gives -5 ?

- (A) -1 and 5 (B) -5 and 1
(C) -1 and 6 (D) -6 and 1

31. In a class test $(+3)$ marks are given for the correct answer and (-2) marks are given for every incorrect answer and no marks for not attempting any questions. Radhika scored 20 marks. If she has got 12 correct answers, how many questions has she attempted incorrectly?

- (A) 16 (B) 2
(C) 8 (D) 6

32. Choose the correct statement:

- (A) Two acute angles be complement to each other (B) Two obtuse angles be complement to each other
(C) Two right angles be complement to each other (D) One acute and one obtuse angles be complement

33. Which of the following pairs of angles is supplementary?

(A) $45^\circ, 45^\circ$

(B) $80^\circ, 10^\circ$

(C) $65^\circ, 105^\circ$

(D) $112^\circ, 68^\circ$

34. Choose the incorrect one:

(A) A line segment has two endpoints

(B) A line has no endpoints on either side

(C) A ray has no end point

(D) A ray has only one endpoint

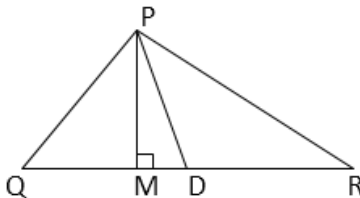
35. choose the correct option for $\triangle ABC$

(A) $AB - BC > AC$

(B) $AB + BC < AC$

(C) $AB - BC < AC$

(D) $AB + AC < BC$



36. In $\triangle PQR$ as shown in the figure above, D is the mid-point of QR, then which of the following is incorrect?

(A) PM is altitude

(B) PM is median

(C) PD is Median

(D) $QD = DR$

37. Shifting one term from one side of an equation to another side with a change of sign is known as

(A) Commutativity

(B) Transposition

(C) Distributivity

(D) Associativity

38. How many medians can a triangle have?

(A) 1

(B) 2

(C) 3

(D) 4

39. The measure of each angle of an equilateral triangle is

- (A) 30° (B) 45°
(C) 90° (D) 60°

40. Two angles of a triangle measure 90° and 30° . The measure of the third angle is

- (A) 90° (B) 30°
(C) 60° (D) 120°

41. Rift valleys are formed between two...

- (A) Fold mountains (B) Block mountains
(C) Residual mountains (D) Volcanic mountains

42. The deepest part of the ocean is found in...

- (A) Atlantic Ocean Resource (B) Indian Ocean
(C) Bay of Bengal (D) Pacific Ocean

43. Nitrogen occupies_____ of the total volume of atmosphere

- (A) 99% (B) 1%
(C) 78% (D) 21%

44. Which of the following is not the source of history?

- (A) Coins (B) Inscriptions
(C) Printing Press (D) Monuments

45. The famous bronze statue of Nataraj belonged to...

- (A) Pratiharas Kingdom (B) Cholas Kingdom
(C) Palas Kingdom (D) Rashtrakutas Kingdom

46. What was the highest-storeyed structure in Medieval India?

- (A) Qutb Minar (B) Red Fort
(C) Taj Mahal (D) Tomb of Sikandar Lodi

47. Who was the founder of the Arab Empire?

(A) Genghis Khan

(B) Prophet Mohammad

(C) Timur

(D) Tughril Beg

48. The term *Universal Adult Franchise* refers to

(A) Right to vote all adults above 18 years

(B) Right to marriage above 18 years

(C) Right to become a member of Lok Sabha

(D) Right to set up a Political Party

49. The Indian Constitution came into force in...

(A) 1949

(B) 1950

(C) 1951

(D) 1952

50. Who is the constitutional head of a state?

(A) Governor

(B) Chief Minister

(C) Speaker of Legislative Assembly

(D) Chief Justice of State High Court

51. Sometimes when we do heavy exercise, anaerobic respiration takes place in our muscle cells. What is produced during this process?

(A) alcohol and lactic acid

(B) alcohol and CO_2

(C) lactic acid and CO_2

(D) lactic acid only

52. What is the function of WBCs?

(A) Transportation of oxygen

(B) Fight against germs

(C) Involved in blood clotting

(D) All of these

53. The muscular tube through which stored urine is passed out of the body is called

(A) Kidney

(B) Ureter

(C) Urethra

(D) Urinary bladder

54. Products of a neutralisation reaction are always

- (A) an acid and a base (B) an acid and a salt
(C) a salt and water (D) a salt and a base

55. Out of these gases which one is used in fire extinguishers

- (A) CO_2 (B) SO_2
(C) NO_2 (D) H_2S

56. Which of the following is an acid-base indicator?

- (A) Vinegar (B) Lime water
(C) Turmeric (D) Baking soda

57. Which of the following set of substances contain acids?

- (A) Grapes, lime water (B) Vinegar, soap
(C) Curd, milk of magnesia (D) Curd, vinegar

58. What is correct about a switch when it is in the OFF position?

- (A) Current is flowing through it (B) The circuit is closed
(C) The circuit is open (D) The bulb connected to the battery glows

59. A bus travels 54 km in 90 minutes. The speed of the bus is

- (A) 10 m/s (B) 54 m/s
(C) 0.5 m/s (D) 60 m/s

60. The motion of a pendulum is

- (A) Circular motion (B) Periodic motion
(C) Linear motion (D) Both (A) and (B)