



**Career Defence School, Ambala**  
**Scholarship Cum**  
**Admission Test**

Entrance Exam

Class: VI

Time: 1 Hrs

Exam Mode: Online

MM: 100

**Test Paper - 1**

**General Instruction:**

1. The question paper consists of four Sections – A, B, C, D.
2. All questions are compulsory.
3. There is no overall no choice.
4. All sub-questions under the main question carry equal marks.
5. Rough work, if required may be done on the last few pages of this question booklet, provided for the purpose.

For more details call at 74199-99228

### Section - A (Reasoning)

1. Pointing to a woman, Rohan said, "She is the daughter of the only child of my grandmother". How is the woman related to Rohan?

- (a) Sister
- (b) Niece
- (c) Cousin
- (d) Data inadequate

Ans: (a)

2. Pointing to a photograph, Sachin tells his friend, "She is the grand-daughter of the elder brother of my father." How is the girl in the photograph related to Sachin?

- (a) Niece
- (b) Sister
- (c) Aunt
- (d) Sister-in-law

Ans: (a)

3. Rahul started walking straight towards East. He walks a certain distance and then turns his right and walks again. Find the direction he is walking now.

- (a) North
- (b) East
- (c) South
- (d) West

Ans: (c)

4. Rajni goes to market which is towards East from her house. If she has to return home, in which direction will she come?

- (a) South
- (b) West
- (c) North
- (d) East

Ans: (b)

5. In each of the following questions choose the missing number to complete the series.

3, 9, 27, 81, ?

(a) 324

(b) 243

(c) 210

(d) 162

Ans: (b)

6. If blue is called red, red is called green, green is called yellow and yellow is called white, Then the colour of grass is

- (a) white
- (b) yellow
- (c) red
- (d) blue

Ans: (b)

7. If in a certain code language, 'te ne' means 'good boy', 're ne se' means 'girls are good', 'he re na' means 'you are fool'. Then find the code for 'girl' in the language.

- (a) se
- (b) te
- (c) ne
- (d) re

Ans: (a)

8. In the each of the following questions, the letters of the words have been Jumbled up. Reconstruct the words and identify the one which is the answer to the given clue. "A name of a month"

- (a) HCAMR
- (b) YUSNDA
- (c) ROANEG
- (d) ILGTH

Ans: (a)

9. If '+' means ' $\div$ ', '-' means ' $\times$ ', ' $\times$ ' means '+' and ' $\div$ ' means '-', then what is the value of  $45 \div 40 + 8 \times 20 - 2$ ?

- (a) 100
- (b) 80
- (c) 120
- (d) 90

Ans: (b)

10. Which of the following signs, if changed, will make the equation correct?

$$50 \times 5 \div 4 + 4 = 44$$

- (a)  $\div$  and  $\times$
- (b)  $\div$  and  $+$

(c)  $\times$  and +

(d) None of these

Ans: (a)

11. In a class of 25 students, if Ram's rank is 16<sup>th</sup> from the bottom, then what is his rank from the top?

(a) 13<sup>th</sup>

(b) 10<sup>th</sup>

(c) 9<sup>th</sup>

(d) 11<sup>th</sup>

Ans: (b)

12. Which letter is fourth to the right of M in English alphabetical order?

(a) Q

(b) O

(c) P

(d) R

Ans: (a)

13. Sagar moves 5km towards East, then turns left, after covering 3 km he turns to left and covers 2 km. Find the total distance covered by Sagar.

(a) 8 km

(b) 7 km

(c) 10 km

(d) 5 km

Ans: (c)

14. Pointing to a lady, 'I said, "She is the mother of my father's sister"'. How is that lady related to me?

(a) Grandmother

(b) Mother

(c) Daughter

(d) Granddaughter

Ans: (a)

15. Find the next term in the series 7, 11, 17, 25, 35, ?

(a) 45

(b) 47

(c) 49

(d) 51

Ans: (b)

16. HJL is related to JMP, in the same way as OQS is related to

(a) PSV

(b) MHJ

(c) QTW

(d) RUX

Ans: (c)

17. The letter of the words given in each of the four options have been jumbled up. Identify the word in the option for the clue given below.

**'A week day'**

(a) ACMRH

(b) AOTDY

(c) OMDANY

(d) LOHIYAD

Ans: (c)

18. If 'X' is the wife of 'Y', 'Y' is the brother of 'Z' and 'P' is the father of 'Z', then how is 'P' related to 'X'?

(a) Aunt

(b) Brother

(c) Father – in – law

(d) Sister

Ans: (c)

19. Five children are sitting on a bench. P is to the left of Q and to the right of R. S to the right of Q. T is between Q and S. Then, whose position is fourth from the right?

(a) R

(b) Q

(c) S

(d) P

Ans: d

20. Find the one which does not belong to the group.

(a) Tail

(b) Hale

(c) Nail

(d) Sail

Ans: b

21. 'Chapter' is related to 'Book', in the same way as Brick is related to

(a) Clay

(b) Mud

(c) Building

(d) Mason

Ans: (c)

22. What comes next in the series given below?

**L, N, Q, U, ?**

- (a) T (b) W  
(c) Y (d) Z

Ans: (d)

23. Find the odd one out.

- (a) T W U (b) G K I  
(c) O S Q (d) H L J

Ans: (a)

24. If SLOW is coded as 1598 and TAKE coded as 2437, the LATE is coded as

- (a) 9247 (b) 5427  
(c) 5834 (d) 7594

Ans: (b)

25. Akanksha moves 8 km towards West, then 2 km towards South and then 6 km towards East. Find the total distance covered by Akanksha.

- (a) 18 km (b) 16 km  
(c) 4 km (d) 6 km

Ans: (b)

### **Section - B (Mathematics)**

26. The population of a town is 20,000. If 500 are men and 620 are women, find the number of children?

- (a) 18,000 (b) 1,880  
(c) 18,800 (d) 18,800

Ans: (d)

27. Which of the following number is a 6<sup>th</sup> multiple of 19?

- (a) 114 (b) 95  
(c) 171 (d) 361

Ans: (a)

28. If the three angles of a triangle measure 40°, 50°, 90°, the triangle is

- (a) Acute angled (b) Obtuse angled  
(c) Right angled (d) Isosceles

Ans: (b)

29. Piyush travelled 298 km north and Amit travelled 890 km south from the same point. Find the distance between the final destinations of the two

- (a) 1190 m (b) 600 m  
(c) 1188 m (d) 592 m

Ans: (c)

30. The largest fraction from the following is

- (a)  $\frac{23}{28}$  (b)  $9\frac{7}{48}$   
(c)  $\frac{9}{4}$  (d)  $13\frac{12}{14}$

Ans: (d)

31. A man has a hundred rupee note. He bought vegetables for Rs.26.75 and fruits for Rs.25.45. How much money he has left?

- (a) Rs.47.80 (b) Rs.52.40  
(c) Rs.73.25 (d) Rs.37.80

Ans: (a)

32. Anusha has three pieces of ribbons. One piece is 43.75 m long, another 82.6 m long and the third is 63.25 m long. What is the total length of the three pieces of ribbon?

- (a) 189.60 m (b) 204.40 m  
(c) 174.60 m (d) 196.40 m

Ans: (a)

33. Collection of numbers to given some information is called \_\_\_\_\_

- (a) Data (b) Tally marks  
(c) Bar graph (d) Pictograph

Ans: (a)

34. Representation of data in tabular form is done by using \_\_\_\_\_

- (a) Bar graph (b) Frequency  
(c) Tally marks (d) None of these

Ans: (c)

35. What is the area of a square having side of 21 cm?

- (a)  $112 \text{ cm}^2$  (b)  $321 \text{ cm}^2$   
(c)  $441 \text{ cm}^2$  (d)  $121 \text{ m}^2$

Ans: (c)

36. How many bricks whose length and breadth are 12 cm and 6 cm, respectively, will be needed to fit in a rectangular region that measures  $90 \text{ cm} \times 120 \text{ cm}$ ?

- (a) 200 (b) 150  
(c) 250 (d) 100

Ans: (b)

37. Which of the following equations have  $a = 3$  as its solution?

- (a)  $6a + 9 = 21$  (b)  $a - 12 = 17$   
(c)  $5a = 20$  (d)  $2a + (-3) = 3$

Ans: (d)

38. The length of a rectangular plot is  $l$  and the breadth is three times the length. What is the perimeter of a plot?

- (a)  $2l + b$  (b)  $2(l + 2b)$   
(c)  $2(l + 3b)$  (d)  $8l$

Ans: (d)

39. The ratio of the number of pens to the number of erasers is 5 : 1. If there are 30 pens and erasers together, what is the number of erasers?

- (a) 4 (b) 5

(c) 8

(d) 6

Ans: (b)

40. At the store, Mini paid Rs.8.68 for seven oranges. At this rate, how much will she pay for 24 oranges?

- (a) Rs.32.84 (b) Rs.29.76  
(c) Rs.19.86 (d) Rs.24.38

Ans: (b)

41. Which is used to draw line segments and to measure their lengths?

- (a) Set squares (b) Protractor  
(c) Ruler (d) None of these

Ans: (c)

42. Angles bisector of given angle can be constructed accurately using

- (a) Pair of compasses  
(b) Ruler  
(c) Set squares  
(d) Divider

Ans: (a)

43. The place value of the digit 6 in the number 576238 is \_\_\_\_\_

- (a) 6200 (b) 6  
(c) 6000 (d) 1000

Ans: (c)

44. In how many maximum number of points can two distinct lines intersect?

- (a) 3 (b) Infinite  
(c) 0 (d) 1

Ans: (d)

45. Which solid has the least number of faces?

- (a) Cylinder  
(b) Triangular prism

(c) Cube

(d) Cone

Ans: (d)

46. When we add a positive integer and a negative integer, then the resultant sign will be \_\_\_\_\_

(a) Always negative

(b) Always positive

(c) Sign of bigger integer

(d) Sign of smaller integer

Ans: (c)

47. Which of the following fractions is a largest fraction?

(a)  $\frac{3}{4}$  (b)  $\frac{5}{9}$

(c)  $\frac{4}{6}$  (d)  $\frac{6}{9}$

Ans: (a)

48. In 16.532, the digit 3 is in which place?

(a) Tenths (b) Hundredths

(c) Hundreds (d) Thousands

Ans: (b)

49. The area of a rectangle is 108 cm<sup>2</sup>. If its length is 12 cm. The breadth of a rectangle is

(a) 12 cm (b) 19 cm

(c) 9 cm (d) 90 cm

Ans: (c)

50. The sum of 4 times a number and - 6 is 10. What is the number?

(a) 6 (b) - 4

(c) 4 (d) 10

Ans: (c)

### Section - C (General Knowledge)

51. The part of a banana plant not used as food is

(a) flower

(b) fruit

(c) stem

(f) root

Ans: (d)

52. Which of the following sources of protein is different from others?

(a) Peas

(b) Grams

(c) Soyabeans

(d) Cottage cheese

Ans: (d)

53. Boojho went to a cloth shop. There he found a fabric which was smooth to touch, had vibrant colour and shine. The fabric could be

(a) cotton

(b) wool

(c) silk

(d) jute

Ans: (c)

54. Which among the following are commonly used for making a safety pin?

(a) Wood and glass

(b) Plastic and glass

(c) Leather and plastic

(d) Steel and plastics

Ans: (d)

55. Which of the following mixtures would you be able to separate using the method of filtration?

(a) Oil in water

(b) Cornflakes in milk

(c) Salt in water

(d) Sugar in milk

Ans: (d)

56. Which of the following changes cannot be reversed?

- (a) Hardening of cement
- (b) Freezing of ice cream
- (c) Opening a door
- (d) Melting of chocolate

Ans: (b)

57. Snail moves with the help of its

- (a) shell
- (b) bone
- (c) muscular foot
- (d) whole body

Ans: (c)

58. How many muscles work together to move a bone?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Ans: (b)

59. Which of the following cannot be called a habitat?

- (a) A desert with camels
- (b) A pond with fishes
- (c) A jungle with wild animals
- (d) Cultivated land with grazing cattle

Ans: (d)

60. The distance between Delhi and Mumbai is usually expressed in units of

- (a) decametre
- (b) metre
- (c) centimetre
- (d) kilometre

Ans: (d)

61. Which of the following is/are not always necessary to observe a shadow?

- (a) Sun
- (b) Screen
- (c) Source of light
- (d) Opaque objects

Ans: (a)

62. Filament of a torch bulb is

- (a) a metal case
- (b) metal trip at the centre of the base
- (c) two thick wires
- (d) a thin wire

Ans: (d)

63. North Pole of a magnet can be identified by

- (a) another magnet having its poles marked as North Pole and South pole
- (b) another magnet no matter whether the poles are marked or not
- (c) using an iron bar
- (d) using iron filings

Ans: (a)

64. Floods cause extensive damage to

- (a) crops
- (b) property and human life
- (c) domestic animals
- (d) groundwater

Ans: (d)

65. Which of the following components of air is present in the largest amount in the atmosphere?

- (a) Nitrogen
- (b) Oxygen
- (c) Water vapour
- (d) Carbon dioxide

Ans: (a)

66. The country having largest democracy in the world:

- (a) America
- (b) India
- (c) Canada
- (d) Britain

Ans: (a)

67. How many fundamental Rights are there now in the Constitution?

- (a) Four
- (b) Five

(c) Six (d) Seven

Ans: (c)

68. Members of Lok Sabha are elected by

- (a) Voters in some states
- (b) Members of the state Vidhan Sabha
- (c) Members of State Vidhan Parishad
- (d) All eligible adults in the country

Ans: (a)

69. The globe is a \_\_\_\_\_ model of the Earth?

- (a) 4 D (b) 3 D
- (c) 2 D (d) None of these

Ans: (b)

70. The sun is overhead on equator \_\_\_\_\_ a year.

- (a) Once (b) Twice
- (c) Thrice (d) None of these

Ans: (b)

71. The hottest planet of the solar system is

- (a) Mercury (b) Venus
- (c) Mars (d) Earth

Ans: (b)

72. Grid is a network of

- (a) Parallels of Latitudes and meridian of Longitudes
- (b) Tropic of cancer and Tropic of Capricorn
- (c) North Pole and South Pole
- (d) None of these

Ans: (a)

73. The direction of the earth's rotation on its axis?

- (a) West to East (b) East to West
- (c) North to South (d) South to North

Ans: (a)

74. Days are shorter during which season?

- (a) Spring (b) Summer
- (c) Autumn (d) Winter

Ans: (d)

75. The earth travel around the sun in its \_\_\_\_\_ orbit.

- (a) Spherical (b) Circular
- (c) Square (d) Elliptical

Ans: (d)

### Section - D (English)

**Directions (76 - 78):** Identify the kind of noun represented by the underlined word in each sentence.

76. She had pain in her stomach.

- (a) Abstract noun
- (b) Common noun
- (c) Collective noun
- (d) Material noun

Ans: (a)

77. A bundle of sticks.

- (a) Proper noun
- (b) Common noun
- (c) Collective noun
- (d) Material noun

Ans: (c)

78. Those people were extrovert.

- (a) Reflexive pronoun
- (b) Demonstrative pronoun
- (c) Interrogative pronoun
- (d) Possessive pronoun

Ans: (b)



**Directions (78 - 82):** Fill in the blanks by choosing the most appropriate option.

78. I enjoy Maths lessons \_\_\_\_\_ than I used to.

- (a) little                                      (b) much
- (c) mucher                                    (d) more

Ans: (d)

79. He is the \_\_\_\_\_ boy in the class.

- (a) lazy                                        (b) lazier
- (c) laziest                                    (d) more lazy

Ans: (c)

80. The lion kept on eye on his both \_\_\_\_\_

- (a) preys                                      (b) prays
- (c) praise                                    (d) None of these

Ans: (a)

81. We missed the bus \_\_\_\_\_ I was late.

- (a) although                                (b) only
- (c) if    (d) because

Ans: (a)

82. He asked me to sit \_\_\_\_\_ the committee.

- (a) by    (b) on
- (c) from                                      (d) for

Ans: (d)

**Directions (83 - 85):** Read the sentences carefully and identify their kinds.

83. People spend a lot of money during the festive season.

- (a) Assertive
- (b) Interrogative
- (c) Imperative
- (d) Exclamatory

Ans: (a)

84. May you be happy today!

- (a) Assertive
- (b) Interrogative
- (c) Imperative
- (d) Optative

Ans: (d)

85. How happy was he in the morning!

- (a) Assertive
- (b) Interrogative
- (c) Imperative
- (d) Exclamatory

Ans: (d)

**Direction (86 - 89):** Choose the most appropriate options to fill the blanks:

86. \_\_\_\_\_ played at the shore.

- (a) I and Anne
- (b) Anne and I
- (c) Anne and me
- (d) Anne and mine

Ans: (b)

87. A complete sentence must have \_\_\_\_\_.

- (a) subject and article
- (b) predicate and conjunction
- (c) conjunction and article
- (d) subject and predicate

Ans: (d)

88. The weather feels much \_\_\_\_\_ today.

- (a) cool    (b) coolest
- (c) more cool                                    (d) cooler

Ans: (d)

**Direction (90 - 92):** Convert the sentences from the active voice to the passive:

90. Do the hounds kill the fox? Is the fox \_\_\_\_\_?

- (a) hounds by the kill
- (b) killed by the hounds
- (c) by the hounds kill
- (d) none of these

Ans: (b)

91. Did the bull kill the matador? \_\_\_\_\_ the matador killed by the bull?

- (a) Was
- (b) Did
- (c) When
- (d) None of these

Ans: (a)

92. When did they hijack the plane? When \_\_\_\_\_ hijacked?

- (a) do the plane
- (b) where the plane
- (c) was the plane
- (d) should the plane

Ans: (c)

**Direction (93 - 94):** The following sentences have been changed into reported speech. Choose the correct sentence:

93. He said, "I shall come in a few minutes".

- (a) He said he will come in a few minutes.
- (b) He said that he would come in a few minutes
- (c) He said I will come in a few minutes
- (d) I will come he said in a few minutes.

Ans: (b)

94. He said, "It is raining heavily".

- (a) He said it is raining.
- (b) It is raining he said.
- (c) He said that it was raining heavily.

(d) He said that it rained.

Ans: (c)

95. Find the synonyms of the word written in capital letters. "REPRIMAND"

- (a) Tease
- (b) Scold
- (c) Say
- (d) Convey

Ans: (b)

96. Find the antonyms of the word written in capital letters. "POVERTY".

- (a) Prosperity
- (b) Poor
- (c) Wealth
- (d) Money

Ans: (a)

97. Find the antonyms of the word written in capital letters. "IMPOVERISH".

- (a) Rich
- (b) Wreckless
- (c) Rash
- (d) All of these

Ans: (a)

**Direction (98 - 99):** In each of the following questions, there is a certain relationship between two given words. Choose the correct alternative that bears the same relationship.

98. School : Teach ::

- (a) Book : Read
- (b) Knife : Bread
- (c) Teacher : Learn
- (d) Press : Print

Ans: (d)

99. Water : Swimming ::

- (a) Egg : Breaking
- (b) Fire : Flaming
- (c) Dead : Owning
- (d) Chair : Sitting

Ans: (d)

100. In this question, identify the kind of tense for the given sentence. "I was being thrashed by him."

- (a) Simple past
- (b) Past continuous
- (c) Past Perfect
- (d) Past Perfect Continuous

Ans: (b)