



Career Defence School, Ambala
Scholarship Cum
Admission Test

Entrance Exam

Class: 6th

Time: 1 Hrs

Exam Mode: Online

MM: 100

Sample Paper

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

REASONING

1. Pointing out to Pinki, Simmi said, "She is the only daughter-in-law of the grandmother of my father's only son." How is Pinki related to Simmi?

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

2. Pointing to photograph P said to his friend, "She is the only daughter of the father of my mother." How is P related to the person in the photograph?

- (a) Daughter
- (b) Son
- (c) Nephew
- (d) Cannot be determined

3. M started walking straight towards South. He walked a distance of 15 meters and then took a left turn and walked a distance of 30 meters. Then he took a right turn and walked a distance of 15 metres again. M is facing which direction finally?

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

4. Amit walked 30 metres towards East, took a right turn and walked 40 metres. Then he took a left turn and walked 30 metres. In which direction is he now from the starting point?

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

5. Vansh and Puneet started walking from two different positions A and B respectively. Vansh walks 3 km North and turns to East and walks 4 km and again turns to North and walks 2 km and finally turns to East and walks 4 km to reach point 'C'. Similarly, puneet walks 3 km North and turns to West and walks 4 km and finally turns to North, walks 2 km and meet Vansh at point 'C'. What was the distance between Vansh and Puneet's starting positions?

- (a) 10 km
- (b) 12 km
- (c) 15 km
- (d) 14 km

6. Five boys are standing in a row facing East. Mohit is to the left of Sameer, Tushar and Samrath. Sameer, Tushar sameer and Samrath are to the left of Aman. Samrath is between and Tushar. If Tushar is fourth from

the left, then how far is Sameer from the right?

- (a) First
- (b) Second
- (c) Third
- (d) Fourth

7. If it is possible to make a meaningful word from the second, fifth, eighth and tenth letters of the word RESIDENTIAL using each letter only once, then the last letter of the word would be your answer. If more than one such word can be formed, your answer would be 'X' and if no such word can be formed, your answer would be 'Z'.

- (a) X
- (b) Z
- (c) E
- (d) N

8. P, Q, R, S and T are to be seated in a row facing East, but R and S cannot be together. Also, Q cannot be at third place. If P and Q are together and R is at the first place, then which of the following cannot be true?

- (a) S is at the second place.
- (b) S is at the third place.
- (c) P is at the third place.
- (d) None of these.

9. If 'light' is called 'morning', 'morning' is called 'dark', 'dark' is called 'night', 'night' is called 'sunshine' and 'sunshine' is called 'dusk', then when do we sleep?

- (a) Night
- (b) Sunshine
- (c) Dusk
- (d) Dark

10. IF 'Racket' is called 'Football', 'Football' is called 'Cricket bat', 'Cricket bat' is called 'Basketball' and 'Basketball' is called 'Dice', then by which a cricketer play with?

- (a) Cricket bat
- (b) Dice
- (c) Basket ball
- (d) Racket

11. Pointing to a photograph, Veena tells Karan, "I am the only daughter of this lady and her son is your material uncle, "How is the speaker related to Karan's father?

- (a) Sister-in-law
- (b) Daughter
- (c) Either (a) or (b)
- (d) None of these

12. Shobhit started walking straight facing East. After walking a distance of 20 metres, he took a right turn. Again walking 10 metres, he took a left turn, and again after

walking 10 metres, he took a left turn. Which direction is he facing now?

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

13. A man walks 30 metres towards South. Then, turning to his right, he walks 30 metres. Again, turning to his left, he walks 20 metres. Finally, he turns to his left and walks 30 metres. How far is he from his initial position?

- (a) 50 metres
- (b) 30 metres
- (c) 15 metres
- (d) 80 metres

14. Mohit left for his office in his car. He drove 12 km. towards North and then 10 km towards West. He then turned to the South and covered 4 km. Further, he turned to the East and moved 8 km. Finally, he turned right and drove 8 km. How far and in which direction is he from his starting point?

- (a) 2km, West
- (b) 2 km, East
- (c) 4 km, West
- (d) 2 km, North

15. Vansh walks 20 metres towards North. He then turns left and walks 40 metres. He again turns left and walks 20 metres. Further, he moves 20 metres after turning to the right. How far is he from his original position?

- (a) 20 metres
- (b) 30 metres
- (c) 50 metres
- (d) 60 metres

16. Shivam is facing towards North-East. He turns 180° clockwise and then again turns 180° anticlockwise. Finally he turns 315° clockwise. In which direction is he facing now?

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

17. How many 7's are there in the following number series, each of which is immediately preceded by an even number but not immediately followed by any odd number?

4 3 7 5 2 3 7 2 1 3 6 7 5 4 2 7 4 2 7 1 2 2 7 0 5 7 2

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

18. Among 5 students, Atul is lighter than Rashi and Anuj. Karan is heavier than Sam and Rashi. Sam is not the lightest. Who among them is the lightest?

- (a) Karan
- (b) Atul
- (c) Rashi
- (d) Anuj

19. If poonam says, "Amit's father jai is the only son of my father-in-law Sumit", then how is Priya, who is the sister of Amit, related to poonam?

- (a) Niece
- (b) Daughter
- (c) Wife
- (d) None of these

20. Abhishek walked 20 metres towards West, took a right turn and walked 30 metres. Again, he took a right turn and walked 20 metres. Towards which direction was he facing?

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

21. If Sahil finds that he is twelfth from the right end in a line of boys and fourth from the left end, then how many boys should be

added to the line such that there are 28 boys in the line?

- (a) 11
- (b) 13
- (c) 15
- (d) 18

22. Which of the following words will come second, if all of them are arranged alphabetically as in a dictionary?

- (a) Beautiful
- (b) Banana
- (c) Basket
- (d) Bomb

23. Sonali drove her car 20 km northwards. Then she turned left and drove for 30 km. She then turned left again and drove yet another 20 km. Again she turned left and drove her car 45 km. How far she will be now from the initial position?

- (a) 10 km
- (b) 20 km
- (c) 15 km
- (d) 25 km

24. Aman remembers that his elder brother was born between 13th and 16th April while his mother remembers that he was born after 14th April but before 17th April. If the

statements of both are considered correct, then on which date of April he was born?

- (a) 14th
- (b) 15th
- (c) 16th
- (d) 14th or 15th

25. A man is facing North-West. He turns 90° in the clockwise direction and then 135° in the anticlockwise direction. Which direction is he facing now?

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

MATHAMETICS

26. Smriti bought 19 boxes of sweets. Each box contains 228 sweets. How many sweets would be left with her after giving 519 sweets to friends?

- (a) 766
- (b) 3,813
- (c) 4,332
- (d) 4,851

27. Simrin prepared 250 plates of Namkeen and 185 plates of Bhel to sell at school. She sold the Namkeen at Rs. 3 each and the Bhel at Rs.2 each. If 128 plates of Namkeen

remained unsold but all the Bhel were sold, how much did Simrin earn?

- (a) Rs. 1 120
- (b) Rs. 799
- (c) Rs. 736
- (d) Rs. 666

28. Asri completed $\frac{1}{5}$ of his assessment on Monday and $\frac{3}{4}$ of it on Tuesday. How much of his assessment did Asri complete in the two days?

- (a) 1
- (b) $\frac{4}{9}$
- (c) $\frac{3}{20}$
- (d) $\frac{19}{20}$

29. In a class of 50 students, $\frac{2}{5}$ travel to school by bus, 10 travel by car and the rest walk. What is the fraction of students who walk to school?

- (a) $\frac{1}{5}$
- (b) $\frac{2}{5}$
- (c) $\frac{3}{5}$
- (d) $\frac{4}{5}$

30. Express $\frac{18}{100000}$ as a decimal.

(a) 0.0000018

(b) 0.00018

(c) 0.018

(d) 0.81

31. Which of the following is the nearest to 12.531?

(a) 12.54

(b) 12.53

(c) 12.52

(d) 12.50

32. Calculate the value of $1 - (0.5)^2$.

(a) 0.9875

(b) 0.875

(c) 0.85

(d) 0.75

33. The value of $\sqrt{2980}$ correct to two decimal place is:

(a) 17.26

(b) 54.59

(c) 58.75

(d) 74.29

34. The number of chickens in the three farms P, Q and R are in the ratio of 2 : 3 : 4. The total number of chickens in the three farms is 270 chickens. Farm R sells 20 chickens to farm P and 10 chickens to farm Q. After this sale, what is the ratio of chicken in farms P : Q : R?

(a) 8 : 9 : 10

(b) 9 : 10 : 8

(c) 8 : 10 : 9

(d) 10 : 9 : 8

35. If 10 cans contain 500 litres of milk. Then in how many cans 200 litres of milk can be filled?

(a) 5

(b) 1

(c) 2

(d) 4

36. This year the cost of car increased by 10% of what it was last year. If the cost is Rs. 2,20,000 this year, what was it last year?

(a) Rs. 2,05,000

(b) Rs. 2,10,000

(c) Rs. 2,42,000

(d) Rs. 2,00,000

37. This year the cost of car increased by 20% of what it was in the last year. If the cost is Rs. 2,40,000 this year. What was the cost in the last year?

(a) Rs. 2,20,000

(b) Rs. 2,00,000

(c) Rs. 2,10,000

(d) None of these

38. 3d subtracted from 7d is:

(a) $7d - 3d$

(b) $7d + 3d$

(c) $4d + d$

(d) $-7d + 3d$

39. Which of the following is a pair of unlike algebraic terms?

(a) $-pqr, 0.8qrp$

(b) $a^2bc, -6ba^2c$

(c) $1.5xzy, 3xyz$

(d) $-kmn, 48kml$

40. $\frac{5}{6}$ of a complete turn is:

(a) 50°

(b) 220°

(c) 110°

(d) 300°

41. The breadth of a rectangle is 19 cm. Its length is 3 times longer than its breadth. Find the area of the rectangle.

(a) 152 cm^2

(b) 418 cm^2

(c) 1083 cm^2

(d) 1140 cm^2

42. The perimeter of a square is 76 cm. Find the area of the square.

(a) 152 cm^2

(b) 304 cm^2

(c) 361 cm^2

(d) 1444 cm^2

43. 587 315 is written as 590 000 after it has been rounded off to

(a) the nearest ten

(b) the nearest hundred

(c) the nearest thousand

(d) the nearest ten thousand

44. $1,384 + 5,580 + 47,218 =$

(a) 54,182

(b) 54,178

(c) 51,184

(d) 51,178

45. Plantation G has q durian trees of grade r , s durian trees of grade t and u durian trees of grade v . The total number of durian trees in plantation G is:

(A) $p + q + r + s + t + u + v$

(B) $p + r + u + v$

(C) $q + s + u$

(D) $r + t + v$

46. Which of the following are like terms?

$-2m, 3n, -0.4p, 6n, 0.4n$

(a) $0.4n, -0.4p$

(b) $-0.4p, -2m$

(c) $-2m, 3n, 6n$

(d) $0.4n, 3n, 6n$

47. Simplify: $20p + 6 - 23p + 9$

(a) $-3p + 15$

(b) $-3p - 15$

(c) $3p + 15$

(d) $3p - 15$

48. Leela spent a few weeks preparing for her final year examination. Based on the given statement, state the unknown quantity involved.

(a) Making preparations

(b) The number of weeks

(c) Final year examination

(d) Leela

49. Which of the following is an obtuse angle?

(a) 30°

(b) 60°

(c) 87°

(d) 123°

50. An alloy contains 60% of copper and the rest is zinc. What is the amount of zinc in 150 kg of alloy.

(a) 60 kg

(b) 120 kg

(c) 90 kg

(d) 80 kg

GENERAL KNOWLEDGE

51. A measurement cylinder has 125 cm^3 of water. When 2 pebbles are dropped into the

cylinder, the water level rises to 150 cm^3 .

What is the volume of each pebble?

(a) 12.5 cm^3

(b) 25 cm^3

(c) 50 cm^3

(d) 150 cm^3

52. The level of water in a measuring cylinder is 12.5 ml. When a stone is lowered in it, the level of water becomes 21.0 ml. What is the volume of the stone?

(a) 7.5 ml

(b) 33.5 ml

(c) 3.35 ml

(d) 8.5 ml

53. Which of the following statement is/are incorrect?

(a) Arm length or a footstep can be used as a standard unit of length in olden days

(b) The needle of a sewing machine undergoes circular motion

(c) Motion of a body thrown upward at an angle is rectilinear

(d) Multiples and submultiples of a unit are used for measurement of bigger or smaller quantities.

54. Which one of the following statements is not true?

(a) Friction helps us to twist an object.

- (b) Friction is a force that opposes motion.
- (c) Objects have weight because of the frictional force between them and the Earth.
- (d) More friction is produced between rough surfaces than between smooth surfaces.

55. Force of friction is:

- (a) Always a disadvantage
- (b) Always an advantage
- (c) Sometimes an advantage and sometimes a disadvantage
- (d) Neither an advantage, nor a disadvantage.

56. An opaque object forms a shadow when placed in light because:

- (a) Light gets reflected
- (b) Opaque object do not allow light to pass through it
- (c) Light travels in a straight line
- (d) Light products umbra and penumbra

57. Metals are shiny because of:

- (a) Reflection of light
- (b) Rectilinear propagation of light
- (c) Absorption of light
- (d) Radiation of light

58. Which of the following statements are correct?

- (a) The path along which electric current flows is called a circuit.
- (b) A switch allows current to flow in a circuit when closed.
- (c) Bulb in a simple circuit glows when the switch is open.
- (d) In an electric circuit, current flow is due to ions

59. Which of the following are not correct?

- (a) When electric circuit is closed, no current flows through it
- (b) Rubber is a good example of electric insulator.
- (c) Mica is an example of good conductor of electricity.
- (d) Switch is a device used to close or open an electric circuit.

60. Opaque objects:

- (a) Reflect most of the light falling on them.
- (b) Transmit most of the light falling on them.
- (c) Absorb most of the light falling on them.
- (d) Are strong and hard.

61. Which term was used by the British for the lower Castes?

- (a) Depressed class
- (b) Poor class
- (c) Discriminated class
- (d) Scheduled Caste

62. Statements (A) Boys are naughty and girls are gentle. Statements (B): Girls are superior to boys.

- (a) Statement A is true
- (b) Statement B is true
- (c) Statement A is the explanation of true
- (d) Both the statements are wrong

63. The country having largest democracy in the world;

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

64. Rearing sheep and yaks is the chief occupation in:

- (a) Maharashtra
- (b) Assam
- (c) Haryana
- (d) Kashmir

65. Which of the following statements is correct in Indian Context?

- (a) State has no religion
- (b) State has religion
- (c) State recognize one religion for entire country
- (d) None the above.

66. Stereotype means:

- (a) Fixing only men in one definite image
- (b) Fixing all persons in one definite image
- (c) Fixing all persons in two images
- (d) Fixing persons in all images

67. Trip takes were written:

- (a) Before Gautam Buddha
- (b) During Budda's life-time
- (c) After Buddha's death
- (d) (b) and (c)

68. The first thing that primitive man learnt was:

- (a) To make a wheel
- (b) To domesticate animals
- (c) To lead a settled life
- (d) To make fire

69. Where were rice and cattle, hoof marks found on clay surface according to the Archeological?

- (a) Mehrgarh
- (b) Kolidhwo
- (c) Mahagara
- (d) Gufkral

70. Which of the following was not the likely purpose of the Great Bath in the citadel at Mohenjo-Daro?

- (a) Swimming exercises and water sports

(b) Some corporation ritual of vital importance, including corporate social life.

(c) Strong of water to be used during drought or emergency.

(d) Community bathing

71. Days are shorter during which season?

(a) Summer

(b) Spring

(c) Autumn

(d) Winter

72. A meter is:

(a) A rapidly moving star

(b) A piece of matter which has entered the earth's atmosphere from outer space

(c) A part of constellation

(d) A Comet without tail

73. Which of the following condition is most relevant for the presence of life on mars?

(a) Atmospheric condition

(b) Thermal condition

(c) Occurrence of ice crops and frozen water

(d) Occurrence of Ozone

74. 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

75. The Prime Meridian Passes through:

(a) New Delhi, India

(b) Greenwich, near London

(c) New York, USA

(d) Cairo, Egypt

ENGLISH

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

76. London is a beautiful city.

(a) Common noun

(b) Material noun

(c) Proper noun

(d) Collective noun

77. A shoal of fish.

(a) Abstract noun

(b) Collective noun

(c) Proper noun

(d) Material noun

78. Yours task would not be easy.

(a) Interrogative pronoun

(b) Demonstrative pronoun

(c) Possessive pronoun

(d) Reflexive pronoun

Directions (79 - 84): Fill in the blanks by choosing the most appropriate option.

79. Light travels _____ than sound

- (a) Quicker
- (b) Faster
- (c) Greater
- (d) More quickly

80. Neither of them _____ returned.

- (a) Have
- (b) Was
- (c) Has
- (d) Could

81. The opposite gender of Duke is 10. A brave man hates afellow.....

- (a) Lady Duke
- (b) Princess
- (c) Queen
- (d) Duchess

82. One who hates women is..... .

- (a) Misogynist
- (b) Philander
- (c) Androgynous
- (d) Philosopher

83. I don't want to send Dolly an email, _____ she never responds.

- (a) Unless

(b) For

(c) While

(c) Because

84. I have not spoken with Steve he moved.

- (a) While
- (b) Since
- (c) Although
- (d) Unless

Directions (85 - 87): Read the sentences carefully and identify their kinds.

85. Rosy did not entertain Ramesh's offer.

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

86. Alas! I could not win the competition.

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

87. Taste this orange.

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

Directions (88 – 90): Fill in the blanks with correct articles.

88.Nile is an African river.

- (a) A
- (b) An
- (c) The
- (d) None of these

89. Maria isintelligent girl.

- (a) A
- (b) An
- (c) The
- (d) None of these

90. I saw a computer in a shop. Computer was too good.

- (a) A
- (b) An
- (c) The
- (d) None of these

Directions (91 – 92): Fill in the blanks with correct form of the verb given in the brackets.

91. I have not him today. (see)

- (a) Seen
- (b) Sea
- (c) Saw
- (d) Sees

92. Has he the window pane? (break)

- (a) Break
- (b) Breaks
- (c) Broken
- (d) Broke

Directions (93 – 94): In the sentences given in questions 93 and 94, the verbs have to be in the past tense. You are required to identify the correct option.

93. Birds fly in the air.

- (a) Birds are flying in the air.
- (b) Birds flew in the air.
- (c) Birds flown in the air
- (d) Birds had been flying in the air.

94. The hunter shoots the tiger.

- (a) The hunter was shooting the tiger.
- (b) The hunter had been shooting the tiger.
- (c) The hunter was shoot the tiger.
- (d) The hunter shot the tiger.

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

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

Directions (96 – 97): Find the antonyms of the word written in capital letters.

96. POVERTY

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

97. IMPROVERISH

(c) SPRQ

(a) Rich

(b) Wreck less

(d) SRQP

(c) Rash

(d) All of these

Directions (98 – 99): For questions 23 and 24, change the voice of the sentences given in the question.

98. What are you eating?

(a) What is being eaten by you?

(b) What is eaten by you?

(c) What does being eaten?

(d) What do being eaten by you?

99. Switch off the fan.

(a) Should the fan be switched off?

(b) Let the fan be switched off.

(c) The fan be switched off.

(d) The fan must be switched off.

Directions (100): In question, the sentence has been divided into four parts P, Q, R, and S which are presented in a jumbled form.

You have to rearrange them to make a meaningful sentence.

P: From other pieces of writing

Q: Intended for a specific reader

R: Because it is

S: A letter is different

(a) PQRS

(b) PRQR

1.b	2.b	3.b	4.c	5.b
6.d	7.c	8.a	9. b	10. c
11.d	12.c	13.a	14.a	15.d
16.a	17.b	18.b	19.b	20.c
21.b	22.c	23.c	24.b	25.b
26.b	27.c	28.d	29.b	30.b
31.b	32.d	33.b	34.c	35.d
36.d	37.b	38.a	39.d	40.d
41.c	42.c	43.d	44.a	45.c
46.d	47.a	48.b	49.d	50.a
51.a	52.d	53.b,c	54.c	55.c
56.b,c	57.a	58.a,b	59.a,c	60.a
61.a	62.d	63.b	64.d	65.a
66.b	67.c	68.d	69.c	70.c
71.b	72.b	73.a	74.a	75.d
76.c	77.b	78.c	79.b	80.c
81.d	82.a	83.d	84.b	85.a
86.d	87.c	88.c	89.b	90.c
91.a	92.c	93.b	94.d	95.b
96.a	97.a	98.a	99.b	100.c