



Career Defence School, Ambala
Scholarship Cum
Admission Test

Entrance Exam

Class: 5th

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

Mathematics

1. In a quadrilateral, if the angles are in the ratio 1:2:3:4 then the greatest angle is

- (a) 36° (b) 72°
(c) 108° (d) 144°

2. Sanjeev scored 1,086,000 points in a video game. Which of the following expressions below is equal to 1,086,000?

- (a) $100+80+6$
(b) $1,000+80+6$
(c) $1,000,000+80,000+6,000$
(d) $1,000,000+800,000+60,000$

3. What is the sum of prime numbers upto 50?

- (a) 281 (b) 328
(c) 238 (d) 197

4. A tank is full of 300 l of water. If 15 buckets can be filled with one tank of water, how many buckets in all can be filled with the water in 25 tanks?

- (a) 300 (b) 375
(c) 7500 (d) 4500

5. The cost of 28 pencils is Rs 68 and 30 pens is Rs 128. Find the cost of 14 pencils and 15 pens?

- (a) Rs .50.80 (b) Rs.18.75
(c) Rs .98 (d) Rs.46.90

6. The area of a triangle whose base is 12 cm and the Height twice the base, is

- (a) 144 sq. cm
(b) 288 sq.cm
(c) 289 sq. cm
(d) Cannot be determined

7. 80% of a non - leap year= _____

- (a) 278 (b) 256
(c) 292 (d) 230

8. Convert 435,047 into fraction form

- (a) $\frac{435047}{100}$ (b) $\frac{435047}{1000}$
(c) $\frac{435047}{10000}$ (d) $\frac{435047}{100000}$

9. The area of a rectangle is 48sq.cm. It its breadth is 4 cm, find its length.

- (a) 20cm (b) 12cm
(c) 44cm (d) 40cm

10. Which of the following, when rounded off to the nearest thousand, are 38,000?

- (a) 38,400 (b) 38,500
(c) 38,600 (d) 38,700

11. In a school, there are 70356 desks to place into 22 classrooms. If the same number of desks is placed in each classroom, how many desks will be in each room?

- (a) 3198 (b) 3246
(c) 4198 (d) 4246

12. 56 has _____ factors.

- (a) 4 (b) 6
(c) 7 (d) 8

13. The diameter of a circle is 24.6 cm. The radius of this circle is

- (a) 24cm (b) 49.2cm
(c) 12.3cm (d) 6 cm

14. Which one of the following is the same as $30 - (14 - 2 \times 3)$?

- (a) $30 - (14 + 2 \times 3)$
(b) $(30 - 14) - 2 \times 3$
(c) $30 - (14 - 6)$
(d) $30 - 14 - 6$

15. 420 is written as the product of primes as

- (a) $2 \times 5 \times 3 \times 7$
(b) $2 \times 2 \times 3 \times 5$
(c) $2 \times 2 \times 3 \times 5 \times 7$
(d) $2 \times 2 \times 3 \times 15$

16. By what number should 784561 be reduced such that the result be 5- digit greatest number?

- (a) 684062 (b) 684562
(c) 684502 (d) 680562

17. Difference of 100 and 99.999 is:

- (a) 1.111 (b) 1.000

- (c) 0.001 (d) 0.01
18. If CP =Rs.2500, SP= Rs 3000, then the profit % is
- (a) 15 % (b) 30%
- (c) 25% (d) 20%
19. The product of two numbers is 128.8. If one of them is 2.3, the other is
- (a) 0.56 (b) 5.6
- (c) 56 (d) 560
20. Find the perimeter of an isosceles triangle whose length of one of the equal sides is 45 cm and length of the unequal side is 42 cm
- (a) 132cm (b) 92cm
- (c) 72cm (d) 42cm
21. Express 228 min in hours and minutes.
- (a) 2 hours 28 Minutes
- (b) 3 hours 48 minutes
- (c) 3 hours 28 minutes
- (d) 22 hours 8 minutes
22. The standard unit of speed is.
- (a) Km/h (b) km/sec
- (c) m/sec (d) m/h
23. How many crores are there in hundred millions?
- (a) 1 (b) 10
- (b) 100 (d) 1000
24. A number is divisible by 32, is will also be divisible by
- (a) 2 (b) 4
- (c) 8 (d) All of these
25. In a school, number of boys is 645 more than that of girls, If there is 2563 girls in the school, find the total number of students in the school?
- (a) 5771 (b) 3208
- (c) 4568 (d) 4786

General Knowledge

26. Which one of the following diseases is communicable?
- (a) Rickets (b) Amoebiasis

- (c) Diabetes (d) Cancer
27. Which among the following was the immediate cause of Quit India Movement?
- (a) Withdrawal of British from South East Asia
- (b) Failure of Cripps mission
- (c) Failure of August offer
- (d) Arrest of Mahatma Gandhi
28. The unit to measure pressure is
- (a) Newton (b) Ampere
- (c) Pascal (d) Kelvin
29. A natural resource that can be replaced in same rate at which it is consumed or used in known as
- (a) Artificial Resource
- (b) Natural Resources
- (c) Renewable Resource
- (d) Nonrenewable Resource
30. In 2011, ONGC discovered India's first shale gas reserve in which among the following states?
- (a) Assam (b) Gujarat
- (c) West Bengal (d) Maharashtra
31. The quote 'Patriotism is supporting your country all the time, and your government when it deserves it' was given by
- (a) Abraham Lincon
- (b) Mark Twain
- (c) Thomas Jefferson
- (d) Ronald Reagan
32. Who among the following actors became Sub-Inspector of the Mumbai Police. He appeared in the Oscar-Nominated 1957 film 'Mother India'.
- (a) Raaj Kumar
- (b) Amrish Puri
- (c) Sunil Dutt
- (d) Rajendra Kumar

33. Which of the following is the largest Lok Shabha constituency (Area wise)?

- (a) Arunachal West (b) Ladakh
(c) Barmer (d) Kutch

34. Which of the following movie won the best drama Motion picture 76th Golden Globe awards?

- (a) Darkest hour
(b) I Tonya
(c) Coco
(d) Three Billboards outside Ebbing Missouri

35. Oxygenated blood is transported from lungs to the heart for circulation in the whole body. Oxygenated blood leaves the human heart via the

- (a) Pulmonary vein
(b) Pulmonary artery
(c) Aorta
(d) Vena cava

36. One end of a rod gets heated when the other end of the rod is kept under fire. What causes the heating of other kept away from the fire?

- (a) Conduction (b) Convection
(c) Radiation (d) Evaporation

37. Legislature of the Union which is called 'Parliament' consists of:

- (a) Lok Sabha
(b) Rajya Sabha
(c) Rajya Sabha and Lok Sabha
(d) President, Rajya Sabha and Lok Sabha

38. The first Indian who was chosen as the Secretary General of Commonwealth is

- (a) A Krishnamurthy
(b) Kamlesh Sharma
(c) Rakesh verma
(d) Gopaldaswamy

39. He is the author of novel 'Gitanjali' and became the first non-European to win the

Nobel Prize in Literature in 1913 . Sometimes, he is referred to as 'the Bard of Bengal'. Who is he?

- (a) Premchand
(b) Aniket Basu
(c) Rabindranath Tagore
(d) Dhanpat Rai Srivastav

40. Which one of the following languages is not widely spoken in Meghalaya?

- (a) English (b) Garo
(c) Khasi (d) Hindi

41. The movie with the largest audience in history was

- (a) Titanic
(b) Star Wars
(c) The sound of Music
(d) Gone with the wind

42. It is the national game of Sri Lanka. It includes a number of consistent techniques, including 'spiking' and 'blocking'. Identify the game.

- (a) Football (b) Volleyball
(c) Cricket (d) Hockey

43. The colour of the Indian passport for the citizen who require emigration is -----

- (a) Brown (b) Orange
(c) Red (d) Green

44. Murugappa Gold Cup is related to which among the following sports?

- (a) Football (b) Hockey
(c) Cricket (d) Table Tennis

45. Which among the following is the most common cause of Sunburn?

- (a) Ultraviolet Radiation
(b) Visible Radiation
(c) Infrared Radiation
(d) Microwave Radiation

46. Saffron' is obtained from which among the following parts of the plant?

- (a) Stigma (b) Anther
(c) Stamen (d) Pollen
47. Which of the following stadiums in India was the first to Host a Test match in Independent India?
(a) Gymkhana Ground, Mumbai
(b) Feroz Shah Kotla, Delhi
(c) Eden Gardens, Kolkata
(d) M.A. Chidambaram Stadium, Chennai
48. Combustion is a
(a) Physical process (b) Chemical process
(c) Both A and B (d) None of these
49. Which one of the following is not a renewable, Exhaustible natural resource?
(a) Aquatic animals (b) Wildlife
(c) Soil fertility (d) Minerals
50. The famous hill- station 'Kodaikanal' lies in:
(a) Nilgiri hills (b) Palani hills
(c) Cardamom hills (d) Javadi hills

Logical Reasoning

51. Find the odd one out.
(a) Table (b) Chair
(c) Computer (d) Bed
52. Identify the relation between the given pair on either side of :: and find the missing term.
8: 72 :: 12 : ?
(a) 152 (b) 144
(c) 175 (d) 160
53. On Thursday Rohit was a referee at 3 soccer games. He arrived at the soccer field 20 minutes before the first game. Each game lasted for 1½ hours. There was 5 minutes break between each game. Rohit left 15 minutes after the last game. How long, in minutes, was Rohit at the soccer field?
(a) 320 Minutes (b) 315 minutes
(c) 305 minutes (d) 300 minutes

54. If today is Friday, 24th April, then previous Friday fell on _____.
(a) 16th (b) 19th
(c) 15th (d) 17th
55. In a certain code, BEHIND is written as EBIHDN, then how can be MARKET is written is that code?
(a) T E K R A M (b) M A R T E K
(c) A M K R T E (d) A E M T K R
56. Nimita started from her home, walked straight 5 km West, then turned left and walked straight 3 km, then again turned left and walked straight 7 km. In which direction is she from her home?
(a) North- West (b) South West
(c) North East (d) South East
57. Among a group of six friends, Tanya is taller than Surbhi but not tall as Raag. Ankit is the tallest. Anusha is shorter than Raag but taller than Rukul. Rukul is taller than Tanya. If the friends are arranged in ascending order of heights, who is the third smallest?
(a) Anusha (b) Raag
(c) Tanya (d) Rukul
58. Choose the odd one out.
(a) OQS (b) FHJ
(c) BDF (d) KLM
59. A class of boys stands in a single line, One boy is 16th in order from both the ends, How many boys are there in the class?
(a) 32 (b) 34
(c) 33 (d) 35
60. In a certain code, COCONUT is written as COCOTUN, then how can be CHOCOLATE is written in that code?
(a) HCCOLOTAE
(b) COHCOETAL
(c) ETALOCOHC
(d) DHOCOLATF

61. How many pairs of letters are there in the word "PREAMBLE" which have as many letters between them in the words as they have between them in the English alphabet?

- (a) None (b) One
(c) Two (d) three

62. Select the related letters from the given alternatives.

CEF: GIJ :: KMN: ?

- (a) OQR (b) OPQ
(c) ORS (d) QRS

63. Find the odd letters from the given responses.

- (a) ORQP (b) OLN M
(c) WZYX (d) PSRQ

Directions (64): Study the following information and answer the questions based on it.

A, B, C, D and E are five boys sitting in a circle facing the centre. C is sitting immediately to the left of E. A is sitting between D and E.

64. Who is sitting third to the right of E?

- (a) A (b) C
(c) B (d) D

65. A word is given in capital letters. It is followed by four words. Out of these four words, one can be formed from the letters of the words in capital letters. Point out the word which can be formed.

ALTERNATIVES

- (a) TELEVISION (b) RENOVATE
(c) RESPITE (d) TRAINS

66. If in a code language KAMLESH is written as GUJLMCO. Then, how can NATURAL be written in that code?

- (a) TCNUPCV (b) TCOUPVC
(c) TCUOPVC (d) TCOUVC

67. Select the related words from the given alternatives

Food : Stomach :: Fuel : ?

- (a) Automobile
(b) Engine
(c) Rail
(d) Aeroplane

68. Find the next term in the given series.

4, 2, 5, 1, 6, ?

- (a) 9 (b) 7
(c) 0 (d) 11

69. If in a code language CONQUER is written as OPDOQDT. Then, how can MORNING be written in that code?

- (a) SPNLFMH (b) SPNMFMH
(c) QNLLHOJ (d) QNLLFMH

70. Which of the following option will complete the number pattern below?

1085, 1000, 1745, 1660, 2405, ?

- (a) 2320 (b) 2220
(c) 2000 (d) 2520

71. If the following numbers are arranged in the ascending order, what will be the third number from the right end?

718 324 158 769 389 543 896 109

- (a) 769 (b) 718
(c) 543 (d) 324

72. If every 3 out of 4 readymade shirts need alternations in the sleeves, every 4 out of 5 need alternations in the collar and every 5 out of 6 need it in the body, how many alternations will be required for 120 shirts?

- (a) 250 (b) 286
(c) 296 (d) 350

73. Mehar and Manvi are ranked fifth and sixth respectively from the top in a class of 30 students, what will be their respective ranks from the bottom in the class?

- (a) 25th and 26th
(b) 26th and 25th
(c) 26th and 27th
(d) 27th and 26th

74. Ishita is facing South-West. She turns 45° in the anticlockwise direction and then 225° Degree in the clockwise direction. Which direction is she facing now?

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

75. How many meaningful English words can be formed from the letters PISL using each letter only once in each words?

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

Part-IV English

Directions: Fill in the blanks by choosing the most appropriate option.

76. The moment _____ is lost is lost forever.

- (a) What (b) Thas
- (c) Which (d) Whose

77. What is the Past Participle form (V3) of Eat?

- (a) Eat (b) Eats
- (c) Ate (d) Eaten

Direction: Fill in the blanks with correct articles.

78. Gandhi Jee was Honest patriot.

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

79. Pharmacist is related to drugs, in the same way chef is related to

- (a) Food (b) Dish
- (c) Serve (d) All of these

80. In the following sentence, identify the kind of these.

Did they ask you anything?

- (a) Simple Present
- (b) Simple Past
- (c) Present Continuous
- (d) Present Perfect

Directions: Read the passage carefully and answer the questions that follow.

This is story of a man who thought he had a right to do what he liked. One day this man was walking along a busy road, spinning his

walking stick round and round in his hand and trying to look important. A gentleman walking behind him objected. "You ought not to spin your walking-stick round and round like that" he said. "I am free to do what I like with my walking-stick", argued the man.

"Of course you are", said the other man, but you ought to know that your freedom ends where my nose begins.

The story tells us that we can enjoy our rights and our freedom only if they do not interfere with other people's rights and freedoms.

81. "If they do not interfere with other". "They" here refers to

- (a) Rights
- (b) Ends
- (c) Other people
- (d) Rights and freedoms

82. A gentlemen walking behind the man

- (a) Objected (b) Argued
- (c) Agreed (d) Laughed

Directions: Fill in the blanks by choosing the most appropriate option.

83. I enjoy Maths lessons _____ than I used to.

- (a) Little (b) Much
- (c) Mucher (d) More

84. He is the ____ boy in the class.

- (a) Lazy (b) Lazier
- (c) Laziest (d) More lazy

85. The lion kept on eye on his both ____

- (a) Preys (b) Prays
- (c) Praise (d) None of these

86. There is beautiful house _____ the ocean.

- (a) Over (b) Below
- (c) Along (d) Beyond

Directions: Fill in the blanks with the most appropriate option.

87. We missed the bus _____ I was late.

- (a) Although (b) Only
- (c) If (d) Because

88. He asked me to sit _____ the committee.

- (a) By (b) On
(c) From (d) For

Directions: Read the sentences carefully and identify their kinds.

89. May you be happy today!

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

Directions: Fill in the blanks by choosing the most appropriate option.

90. He is _____ unique person.

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

Directions: In question 91, identify the kind of tense for the given sentence.

91. I was being thrashed by him.

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

Direction: Read the given poem carefully and answer questions that follow.

'Smells' by Christopher Morley

Why is it that poets tell
So little of the sense of smell?
These are the odors I love well.
The smell of coffee, freshly ground;
On rich plum pudding, holly crowned;
Or onion friend and deeply browned.
The fragrance or a fummy pipe;
The smell of apples, newly ripe;
And printer's ink on leaden type.
Woods by moonlight in September
Breathe most sweet, and I remember
Many a smoky camp-fire ember.
Camphor, turpentine, and tea,
The balsam of a Charismas tree
These are the whiffs of gram rye...
A ship smells best of all to me!

92. What is the meaning of the word 'odour' in the poem?

- (a) Scent (b) Smell
(c) Coffee (d) Sense

93. Identify the smell that the poet does not like.

- (a) Smell of coffee
(b) Smell of pudding
(c) Smell of onion
(d) None of these

94. Identify the smell that the poet likes the best.

- (a) Smell of apple
(b) Smell of coffee
(c) Smell of ship
(d) Smell of fried onion

95. The poet complains that the other poets.

- (a) Are not like him
(b) Are like him
(c) Write very little
(d) Write very little about smell

96. Identify the word not used in the poem as an adjective.

- (a) Sweet (b) Smoky
(c) Smell (d) Fragrance

Directions: Choose the most appropriate option to fill in the blanks.

97. Abstract noun of man is _____

- (a) Manly (b) Manhood
(c) Men (d) Menhood

98. There is so _____ smoke coming out of the chimney.

- (a) Many (b) Much
(c) Few (d) Some

99. Blessed in he _____ has found his work.

- (a) Which (b) Who
(c) Whom (d) That

100. I can't _____ the signature of my Maths teacher.

- (a) Make up (b) Make into
(c) Make out (d) Make over

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