

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO**



**ENTRANCE EXAMINATION - VI**

**DEFENCE CAREER ACADEMY,**

**CHH. SAMBHAJINAGAR**

**As an ISO 9001 : 2008 - Certified**

**SET  
A**

**ENT : 2024-25**

**Sr. No.**

**TIME : 2.00 Hrs.**

**MAXIMUM MARKS : 100**

**QUESTION - BOOKLET**

**GENERAL INSTRUCTIONS**

1. Do not carry any book, paper or any other material with you inside the Examination Hall.
2. Carry only writing material with you in the Examination Hall.
3. Keep the Hall Ticket with you ready for scrutiny.
4. Result of this Examination will be displayed on the Notice Board. The Result Sheet will include the successful/ qualified candidates ONLY.
5. All successful candidates indicated on the list shall present themselves for the interview on the same day.
6. This Test Booklet contains 100 items (Questions). Each item comprises four responses (Answers). You have to select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, Choose Only One response for each item.
7. All the answers must be marked on the Answer Sheet only. Do not write anything on this Test Booklet.

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO**



8. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR QUESTION ETC. IF SO, GET IT REPLACED BY A NEW ONE.
9. Ask for a separate paper for rough work.
10. Read the questions carefully, Remember, answers are to be indicated in the Answer Sheet Only. Return the Test Booklet, Rough work papers and the Answer Sheet immediately when asked to do so. You are NOT permitted to take away with you any paper concerning the Examination.

### **ANSWER SHEET**

11. The Answer Sheet contains 100 counts, each subdivided in four { (a) (b) (c) (d)} subdivisions for indicating the correct choice of answers. After having selected the correct choice from the test Booklet, you should indicate that choice by completely blackening the respective circle, DO NOT merely cross the circle. You should indicate correct answer by blackening ONLY ONE circle in each answer. Any answer having more than ONE blackened circle will be treated as WRONG answer.
12. Before starting the answering ensure that you have filled the complete information at the top of this Answer Sheet. Incomplete Answer Sheet will be regarded as invalid.

**THANK YOU AND BEST OF LUCK**

1. Place value of 7 in 57930 is
  - a) 7000
  - b) 700
  - c) 70,000
  - d) 7,00,000
2. The predecessor of 88899025 is
  - a) 88899024
  - b) 88889024
  - c) 88879024
  - d) 88979024
3.  $MMC =$ 
  - a) 2100
  - b) 2001
  - c) 2500
  - d) 2010
4. Hindu Arabic numeral for XCI =
  - a) 99
  - b) 101
  - c) 91
  - d) 97
5. In 5,87,60,941, 7 stands for :
  - a)  $7 \times 100$
  - b)  $7 \times 1000$
  - c)  $7 \times 1,00,000$
  - d)  $7 \times 10,00,000$
6. 412 rounded off to the nearest ten is
  - a) 420
  - b) 410
  - c) 400
  - d) 430
7. 7879859 rounded off to the nearest ten thousand is
  - a) 7800000
  - b) 7880000
  - c) 7900000
  - d) 7800000
8. 8978083 rounded off to the nearest lakh is
  - a) 9000000
  - b) 8000000
  - c) 8900000
  - d) 8970000
9.  $0 \div 11 = \underline{\hspace{1cm}}$ 
  - a) 0
  - b) 11
  - c) 1
  - d) Not defined
10.  $1,23,612 \div 10$ 
  - a) 12361.2
  - b) 123.612
  - c) 12.3612
  - d) 1236.12
11. Subtracting ten thousand from one million gives
  - a) 99,000
  - b) 9,90,000
  - c) 90,000
  - d) 9,000
12. Simplest form of  $4/20$  is
  - a)  $1/5$
  - b)  $1/4$
  - c)  $1/3$
  - d)  $1/2$
13.  $(8+7) \div (3+2)$ 
  - a) 5
  - b) 3
  - c) 4
  - d) 2
14.  $9 + 12 \div 3 - 2$ 
  - a) 12
  - b) 11
  - c) 13
  - d) 14
15.  $8 - 30 \div 6 + 7$ 
  - a) 20
  - b) 10
  - c) 5
  - d) 15
16.  $153/10 =$ 
  - a)  $1\frac{53}{10}$
  - b) 15.3
  - c) 153
  - d) 1530
17.  $0.6 \underline{\hspace{1cm}} 0.006$ 
  - a)  $>$
  - b)  $<$
  - c)  $=$
  - d) None
18. In 5.809, the digit 9 is in the \_\_\_\_\_ place.
  - a) ones
  - b) tenths
  - c) thousandths
  - d) hundredths
19.  $2.4 \div 100 =$ 
  - a) 0.24
  - b) 0.024
  - c) 0.0024
  - d) 24
20. Zero point zero four two
  - a) 0.42
  - b) 0.042
  - c) 4.2
  - d) 0.024



41. Which letter does not have a line of symmetry ?  
a) E                    b) T                    c) G                    d) A

42. Which of the following angle will have highest degree of measurement?  
a) Straight angle    b) Right angle    c) Obtuse angle    d) Acute angle

43. Which of the following has one end point?  
a) A plane            b) A line segment    c) A line            d) A ray

44. Sanjay has to travel a distance of 5km and 30 metre. He has already travelled 3 km and 750 metre. How long he has to travel now?  
a) 1km 280 metre    b) 1 km 055 metre    c) 1 km 380 metre    d) 1 km 55 metre

45. Komal eats one full bar of chocolate. Then she divides another one into 5 equal parts and eats 3 of those parts. The total number of chocolates that she has eaten is  
a)  $4/5$                     b)  $3/5$                     c)  $8/10$                     d)  $8/5$

**\* Read the Passage & answer the following questions.**

Bears found in Europe, Asia, Africa and America. They are almost anything massively built with short tails, and thick legs. Bears are not really carnivores. They eat almost anything the chief exception in the polar bear which is natural State lives on fish and seals. However, in captivity they seem to enjoy meal, vegetables, fruit, milk, rich and porridge.

46. Where are bears found?  
a) America              b) Australia              c) Arctica              d) None of above

47. What meat does a bear eat in captivity?  
a) Meat              b) Chapati              c) Seal              d) Trees

\* **Read the poem and answer the following questions.**

## The first Day of School

I've got a brand new lunchbox

My Shoes are Shiny clean.

I've got a cool new book bag,  
And a pencil box that's green

But I don't know my teacher,  
Or where my desk will be.

Or where my desk will be.  
I don't know if I'll like the kids.

Or if they'll play with me.

Or if they'll play with me.  
I can inside now alone.

I peep inside my classroom  
I stand there for a while

Me too, he's tall and kind of slender.

My teacher's tall and kind of fat  
But has And a great big smile

But has And a great big s  
And af all she's got mu

And of all, she's got my,  
Favorite book upon the shelf!

Favorite book upon the shelf ?

48. The child's Shoes are .....

a) Dirty                    b) Clean                    c) Comfortable            d) Dancy

49. The child has got a pencil box which is .....

a) Red                    b) Yellow                    c) Green                    d) Pink

50. This, that, those, these are ....  
 a) Adjectives      b) Pronoun      c) Adverb      d) Determiners

51. The truck driver delivered the packages quickly. (Identify the parts of Speech)  
 a) Verb      b) Adverb      c) Adjective      d) Noun

52. She wore a beautiful dress on here birthday. (Identify the adjective)  
 a) She      b) birthday      c) dress      d) beautiful

53. My nephew is a school teacher (Identify the feminine gender of underline word)  
 a) Nephews      b) Niece      c) Daughter      c) Cousin

54. Masculine of 'Madam'  
 a) Teacher      b) Sir      c) Master      d) None of above

55. 'I' is ..... person pronoun.  
 a) third      b) second      c) first      d) fourth

56. 'The' is ..... article.  
 a) Indefinite      b) definite      c) both a & b      d) None of above

57. What is the meaning of 'quarrel'?  
 a) laugh      b) fight      c) love      d) shout

58. The big ..... has brown colour.  
 a) bear      b) bare      c) bear      d) beir

59. Word 'many' is ....  
 a) quantifier      b) pronoun      c) nown      d) adjective

60. What is antonym of 'laugh'?  
 a) chuckle      b) ha-ha      c) cry      d) cackle

61. What is antonym for 'fresh'?  
 a) Loose      b) Locate      c) Stale      d) Bad

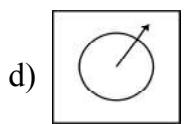
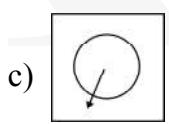
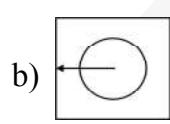
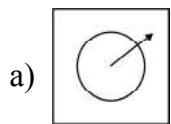
62. Synonym of 'Sketch'.  
 a) drawing      b) portrait      c) pillar      d) colour

63. Synonym of 'toss'  
 a) throw      b) thrill      c) spill      d) turn

64. Find odd man out.  
 kick, move, computer, hit  
 a) kick      b) move      c) hit      d) computer

65. Find odd man out.  
 apples, candy, sweets, chocolate  
 a) apples      b) candy      c) sweets      d) chocolate

66.  :





85. Name the outermost part of a seed.  
 a) Cotyledons      b) Seed Coat      c) Embryo      d) None

86. Gadhsisar lake is located in \_\_\_\_\_ state.  
 a) Rajasthan      b) Maharashtra      c) Madhya Pradesh      d) Haryana

87. Who built Gadhsisar?  
 a) Akbar from Delhi      b) King Gadhsi of Jaisalmer  
 c) Aurangzeb      d) Sachin Tendulkar

88. What is Natural source of water?  
 a) River      b) Pond      c) Lake      d) Rain

89. Salt is made from.  
 a) Lake Water      b) Fresh Water      c) River Water      d) Sea water

90. Paint is soluble in.  
 a) Water      b) Milk      c) Kerosene      d) Lemon

91. What is the new name of Mainpuri Sainik School in Uttarpradesh?  
 a) General Manoj Mukund Narawane Sainik School  
 b) General Sam Manekshaw Sainik School  
 c) General Bipin Rawat Sainik School  
 d) General K.M. Cariappa Sainik School

92. Where is India's first unique 'Rock' museum located  
 a) Hyderabad      b) Mumbai      c) Chennai      d) Bengaluru

93. Rajput-class destroyer INS Ranvir belongs to which Navy?  
 a) Sri lankan Navy      b) Indian Navy      c) Chinese Navy      d) Bangladeshi Navy

94. Vishwanathan Anand belongs to which game?  
 a) Cricket      b) Hockey      c) Boxing      d) Chess

95. Who won India's first Olympic Bronze medal in Badminton?  
 a) PV Sindhu      b) Aparna Popat      c) Saina Nehwal      d) Srikanth Kidambi

96. Young one of a cow is called  
 a) Cub      b) Calf      c) Puppy      d) Mice

97. Which is the largest bone of the body  
 a) Femur      b) Stirrup      c) Radius      d) Cranial

98. Name the largest ocean in the world  
 a) Atlantic Ocean      b) Indian Ocean      c) Pacific Ocean      d) Southern Ocean

99. Which of the following is the largest airport in the world  
 a) King Fahd International Airport      b) Beijing Airport  
 c) Los Angeles Airport      d) Tokyo Airport

100. Name the largest reptile in the world  
 a) American Alligator b) Black Caiman      c) Green Sea Turtle      d) Saltwater Crocodile