

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



**ENTRANCE EXAMINATION - VI**  
**DEFENCE CAREER ACADEMY,**  
**AURANGABAD.**

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

**ENT : 2016**

**SR. NO.**

**TIME ALLOWED : 1.30 HOURS**

**TOTAL MARKS : 100**

**QUESTION - BOOKLET**

**GENERAL INSTRUCTIONS**

\* **Read instructions given below carefully for solving this question paper.**

1. This question paper has 90 questions. Each question carries 1 mark.
2. **Last** two descriptive questions are **compulsory**. They carry 5 marks each.
3. There is a separate answer-sheet to write the answers. Each question has four options. Options are ABCD out of the four any one of the options is the correct answer. Shade the correct answer in the answer-sheet.

**Example :** If the correct answer for Q. NO 6. is **B**, then record your answer as follows:

**Question No. 6**           
                                 **A    B    C    D**

4. Answer recorded in any other form will not be considered. Such answers will be marked 'zero'.

**Example :**                           
                                 **A    B    C    D**

5. Answer should be written using a pencil only. Blue or black ball pen or ink-pen will not be accessed.
6. Answers once marked cannot be changed or rewritten.
7. Any kind of cancellation or answers recorded marked in more than one circle will not be considered.
8. The exam has limited time, in case you are not able to solve a question, kindly solve the next question. If time permits you can try to solve the unsolved questions.
9. Essay must be written at the back portion of the Answer paper.
10. Result of this examination will be displayed on the Notice Board.
11. Do not write or mark anything on the question paper.

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**Q.1. to 4 : Read the following passage carefully and answer the questions choosing the correct option.**

In many ways, your body is like a wonderful machine. Each of the many different parts of your body has a special job to do. Your bones and muscles work together to make you move. Your heart pumps blood round and round your body. Your lungs take in oxygen from the air. The most complicated part of your body is the brain, which controls all the other parts.

1. The body is compared to a.....
  - (a) machine
  - (b) muscle
  - (c) pump
  - (d) part
2. What work do the bones do?
  - (a) They help us breathe.
  - (b) They control all other parts.
  - (c) They pump blood round and round the body.
  - (d) They make us move.
3. How many parts of the body are mentioned in this passage?
  - (a) two
  - (b) three
  - (c) four
  - (d) five
4. Why is the brain said to be 'complicated' ?
  - (a) because it does special jobs
  - (b) because it helps us move
  - (c) because it controls all the other parts of the body
  - (d) because it pumps blood round and round our body

**\* 5 to 8 : Read the following passage carefully and answer the questions choosing the correct option.**

In 1901, Tagore founded his famous school at Shantiniketan. This school became a well-known centre of education. This school has now become a university. It is famous all over the world as a great centre of learning.

Tagore looked like a rishi of ancient India. Mahatma Gandhi rightly called him "Gurudev". Tagore's name spread over the whole world with the publication of his collection of poems known as "Gitanjali". He was awarded the Nobel Prize for it.

5. Tagore was awarded the ..... for his collection of poems.
  - (a) Bharatratna
  - (b) Nobel Prize
  - (c) Pulitzer Prize
  - (d) Arjun Award
6. Who founded the famous school at Shantiniketan?
  - (a) Mahatma Gandhi
  - (b) Abraham Lincoln
  - (c) Tagore
  - (d) Jawaharlal Nehru
7. Give the antonym of the word 'ancient'.
  - (a) former
  - (b) modern
  - (c) active
  - (d) old
8. What is the name of Tagore's world famous publication?
  - (a) Saheli
  - (b) Gitanjali
  - (c) Paheli
  - (d) Ragini

**Instruction : Identify the proper noun :**

9. Mumbai is the Capital of our country.

- a) our                                      b) of                                      c) Mumbai                                      d) Capital

**Instruction : Identify the pronoun :**

10. Nisha was watching her.

- a) her                                      b) was                                      c) Nisha                                      d) watching

**Instruction : Identify the Adjective :**

11. Laxmi is a good girl.

- a) Laxmi                                      b) good                                      c) a                                      d) is

**Instruction : Identify the Verb :**

12. I don't like to bathe in winter.

- a) don't                                      b) like                                      c) I                                      d) bathe

**Instruction : Tack the correct option that will change the gender of the given word**

13. actor

- a) actress                                      b) actores                                      c) actres                                      d) actress

14. master

- a) mister                                      b) mastress                                      c) mistress                                      d) misteress

**Instruction : Give the correct word for the collections given below:**

15. birds

- a) fleet                                      b) pack                                      c) flight                                      d) swarm

16. lectures

- a) group                                      b) bunch                                      c) band                                      d) course

**Instruction : Find the word with correct spellings.**

17. a) Marchants

b) Merchants

c) Marchantes

d) Marchints

18. a) Robbers

b) Robers

c) Roobers

d) Robbars

**Instruction : Give the synonyms of :**

19. stubborn :

- a) thick                                      b) strong                                      c) obstinate                                      d) rude

20. beaker :

- a) beak                                      b) attack                                      c) wave                                      d) container

21. till :

- a) plough                                      b) still                                      c) even                                      d) farm

22. inspire :

- a) persuade                                      b) convince                                      c) encourage                                      d) force

**Instruction : Give the Antonyms of :**

23. severe:

- a) serene                                      b) lenient                                      c) cruel                                      d) hard

24. giant :

- a) huge                                      b) big                                      c) dwarf                                      d) large

25. partial :  
 a) partly                      b) particular                      c) whole                      d) private
26. permanent:  
 a) temporary                      b) certainty                      c) necessary                      d) secondary

**Instruction : Arrange it in an alphabetical order :**

27. The 5<sup>th</sup> word : fetch, foreign, fake, forsake, first  
 a) fetch                      b) foreign                      c) first                      d) forsake
28. The 1<sup>st</sup> word : bee, ass, fox, elephant  
 a) bee                      b) ass                      c) fox                      d) elephant

**Instruction : Find odd man out :**

29. a) leg                      b) thigh                      c) waist                      d) ear
30. a) monitor                      b) printer                      c) fax                      d) keyboard
31. Number in figure - one Lakh  
 a) 10000                      b) 100000                      c) 1000000                      d) 10000000
32. Number in words - 50000  
 a) Fifty Lakh                      b) Five thousand                      c) Fifty thousand                      d) Fifty Lakh
33. Classify the angle 80°  
 a) acute angle                      b) obtuse angle                      c) right angle                      d) straight angle
34. Perimeter of reactangle = .....  
 a) length × breadth                      b) length + breadth  
 c) 2 × (length + breadth)                      d) 2 × length
35.  $\frac{1}{3}$  of 9 apples is ..... apples  
 a) 3                      b) 6                      c) 27                      d) 12
36.  $5\frac{1}{3} + 1\frac{2}{3}$   
 a)  $\frac{14}{3}$                       b)  $\frac{16}{3}$                       c)  $\frac{18}{3}$                       d)  $\frac{21}{3}$
37. The smallest factors of 16 is  
 a) 2                      b) 4                      c) 8                      d) 16
38. H.C.F. of 75, 50, 125  
 a) 25                      b) 50                      c) 75                      d) 125
39. L.C.M. of 315, 210  
 a) 105                      b) 315                      c) 210                      d) 63
40. The faces of cube have  
 a) 6                      b) 4                      c) 8                      d) 9

41. 1 metre 25 centimeter = ..... metres  
 a) 10.25                      b) 1.25                      c) 12.5                      d) 10.5
42.  $\frac{1}{5}$  Rupee = ..... Paise  
 a) 40                      b) 200                      c) 20                      d) 50
43. 4 m 52 cm = ..... cm  
 a) 452                      b) 45.2                      c) 4.52                      d) 4520
44. 3 km = ..... m  
 a) 3000                      b) 30                      c) 300                      d) 3300
45. Area of the reactangle whose length is 86 m & breadth is 49 m.  
 a) 4214 m                      b) 4124 m                      c) 4241 m                      d) 1241 m
46. Perimeter of rectangle whose sides are  $12 \times 2$   
 a) 24                      b) 28                      c) 14                      d) 48
47.  $239 \times 21$   
 a) 6019                      b) 5029                      c) 5019                      d) 5190
48.  $2 \overline{)5718} = \dots\dots\dots$   
 a) 2589                      b) 2985                      c) 2859                      d) 2958
49. The volume of 2 cm cube is  
 a) 4                      b) 8                      c) 16                      d) 12
50.  $6 \times 6 = 9 \times \square$   
 a) 8                      b) 3                      c) 4                      d) 9
51. How many corner does the cube have.  
 a) 8                      b) 6                      c) 4                      d) 9
52. Find next number  
 1, 2, 4, 8, 16, 32, 64  
 a) 128                      b) 96                      c) 80                      d) 256
53. If you need to find out how big carpet will cover the floor then fits situation.  
 a) perimeter                      b) volume                      c) area                      d) Density
54. How many milimetres are there in a metres ?  
 a) 100                      b) 1000                      c) 10                      d) 0.1
55. .....  $\times 10 = 5 \times 24$   
 a) 12                      b) 10                      c) 6                      d) 16
56. A 2 rupee coins weighs 6 g what is the weight of a sack with 3000 coins.  
 a) 6000 g                      b) 9000 g                      c) 1200 g                      d) 18000 g


57. A shopkeeper has 50 boxes. There are 48 fruits in one box then How many fruits are there in all.  
 a) 240                              b) 24                              c) 2400                              d) 24000
58. A shopkeeper has 204 eggs. He puts them in eggs trays each tray has 12 egg then How many eggs trays does he need?  
 a) 18                              b) 15                              c) 19                              d) 17
59. The fencing of a square garden is 20 m in length. How long is one side of the garden  
 a) 80 m                              b) 40 m                              c) 60m                              d) 5 m
60. Tina buys a T.V. for rs. 9200 she gave the shopkeeper Rs. 10000. The money she gets back is Rs.   
 a) 80                              b) 8000                              c) 800                              d) 8
61. Which among the following is not a kind of taste.....  
 a) Sweet                              b) Hot                              c) Savary                              d) Salty
62. .... helps the farmers by eating the rats in the fields.  
 a) Cat                              b) Tiger                              c) Snake                              d) Anaconda
63. Poisonous teeth of snakes are called .....  
 a) Fangs                              b) Canine                              c) Molar                              d) Premolar
64. Digestion begins in the .....  
 a) Anus                              b) Stomach                              c) liver                              d) intestine
65. .... is less denser than water hence floats on water.  
 a) Oil                              b) Milk                              c) Juice                              d) Honey
66. Foods get spoil faster during the season.....  
 a) Summer                              b) Monsoon                              c) Winter                              d) Any
67. Bachendri Pal belongs to .....  
 a) India                              b) France                              c) Bangladesh                              d) China
68. Mountaineers should take vitamin .....  
 a) A                              b) B                              c) D                              d) C
69. Cycles use ..... energy.  
 a) Muscular                              b) Chemical                              c) wind                              d) electric
70. A tent house is made of .....  
 a) canvas                              b) leaf                              c) plastic                              d) tin
71. National Science Day is celebrated on .....  
 a) 5th September                              b) 28th Feberuary                              c) 1st December                              d) 5th on June
72. .... is the agent who lends money to the villagers.  
 a) Adam                              b) Mukadam                              c) Collector                              d) Police
73. Mausi is mother's .....  
 a) Sister                              b) Friend                              c) Mother                              d) Anuti
74. Polio is a disease that affects the .....  
 a) Brain                              b) Kidneys                              c) Legs                              d) heart

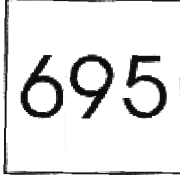

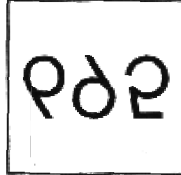
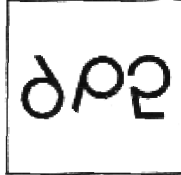
75. Seeds used to be protected from the insects by ..... leaves.  
 a) Neem                      b) Basil                      c) Curry                      d) Tamrind

**Direction : Find the proper sequence from these questions.**

76. If the seventh day of the month is three days earlier than Friday, what day will it be on the nineteenth day of the month?  
 a) Sunday                      b) Monday                      c) Wednesday                      d) Friday
77. If the day before yesterday was Thursday, when will be Sunday?  
 a) Today                      b) Two days after today                      c) Tomorrow                      d) Day after tomorrow
78. Suraj went to movies nine days ago. He goes to the movies only on Thursday. What day of the week is today ?  
 a) Thursday                      b) Saturday                      c) Sunday                      d) Tuesday


**Direction : Find out the water reflection of a question figure from the given answer figures:**

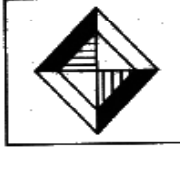



79. **Question Figure :**  **Answer Figures**

a)                      b)                      c)                      d)

**Direction : If you hold the following question image in front of a mirror, what will the mirror image be ?**

80. **Question Figure :**  **Answer Figures**

a)                      b)                      c)                      d)

**Direction : Find the word in the place of question mark?**

81. monsoon : raincoat : : winter : ?  
 a) cold                      b) sweater                      c) umbrellla                      d) heater
82. human : home : : car : ?  
 a) home                      b) workshop                      c) factory                      d) garage

**Direction : Find out the letter or groups of letters in the place of question mark in each series below :**

83. G, H, J, M, ?  
 a) N                      b) O                      c) P                      d) Q

**Direction : Find the number in the place of question mark.**

84.  $9 : 80 :: 10 : ?$

- a) 101                      b) 99                      c) 100                      d) 98

85.  $89 : 72 :: 56 : ?$

- a) 30                      b) 11                      c) 10                      d) 01

**Direction : Find out the number which will occur at the place of question mark, in each series given below:**

86. A I P ?

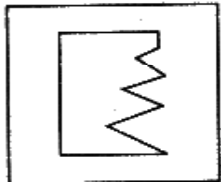
- a) T                      b) Y                      c) J                      d) E

87. 35 34 32 29 25 ?

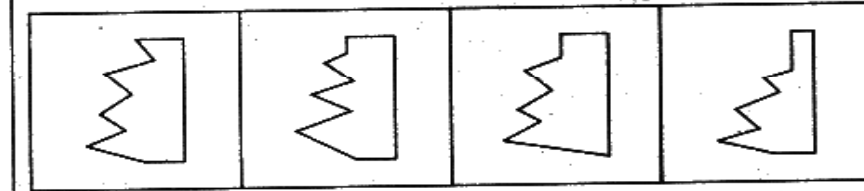
- a) 19                      b) 20                      c) 22                      d) 24

**Direction : Complete the incomplete figure by choosing the correct alternative:**

**Question Figure :**



**Answer Figures**



a)

b)

c)

d)

**Direction : (Questions 89 & 90) : Read the following information carefully and answer the questions given below it:**

The sum of the income of A and B is more than of C and D together. The sum of the income of A and C is the same as that of B and D taken together. Moreover, A earns half as much as the sum of the income of B and D.

89. Whose income is the highest?

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

90. Which of the following statements is not correct?

- a) A earns more than B                      b) A earns more than D  
c) A earns more than D                      d) A earns more than C

**Descriptive question (Compulsory)**

I) Write an essay on any one of the following.

10 M

1. Independence Day
2. My favourite Leader

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