ENTRANCE EXAMINATION - V

DEFENCE CAREER ACADEMY, AURANGABAD.

As an ISO 9001 : 2008 - Certified

ENT : 2015	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 from 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.

Q.1. to 3 : Read the following passage carefully and answer the questions choosing the correct option.

In the past thirty years, drugs have been discovered that prevent and cure physical disease and reverse the disturbances that occur in some mental illness. Excitement over what drugs can do has led people to believe that any aliment, infective or psychic, can be relieved by taking a pill. At the fist sign of nervousness, they try pep pills. Medical journals now advertise tranquilizer, and other mood-altering drugs; doctors prescribe them; and the public expects miracles from them. In such an atmosphere, it is not surprising that drug abuse has spread.

1. According to the author, in recent years there has been
   (a) a misplaced trust in drugs
   (b) a distrust of drugs
   (c) recognition of the ill-effects of medicine
   (d) none of the above.

2. According to the passage, the medicines that have been discovered in recent items
   (a) can cure mental illnesses.
   (b) can help treat some symptoms of mental illnesses
   (c) can reduce mental illnesses
   (d) cannot cure mental illnesses.

3. People often believe that
   (a) medicine cannot cure all the diseases   (b) doctors can cure all the diseases
   (c) medicines can cure all the diseases   (d) doctors cannot cure all the diseases

Q.4. to 6 : Read the following poem carefully and answer the questions choosing the correct option.

Among the earliest memories of my childhood are the stories from these epics told to me by my mother or the older ladies of the house, just as a child in Europe or America might listen to fairy tales of stories of adventure. There was for me both and the adventure and fairy tale element in them. And then I used to be taken every year to the popular open- air performances where the Ramayana story was enacted.

4. The author of this passage is in.
   (a) a reminiscent mood   (b) a reflective mood
   (c) a critical mood   (d) an introspective mood

5. 'Epics' are
   (a) long historical stories
   (b) poetic works of excellence
   (c) long narrative poems of the mythological heroes
   (d) Popular versions of national histories

6. The second sentence shows that the writer
   (a) tolerated the old stories and open-air performances
   (b) analysed old stories for their value
   (c) enjoyed them
   (d) dismissed them as untrue and silly

Instruction : Identify the Noun :

7. Ramesh saw me in the market.

   a) Saw   b) me   c) Ramesh   d) the

8. We are Indians.

   a) Indians   b) We   c) are   d) None of these

9. Sonali read the letter happily and started dancing.

a) Happily   b) Sonali   c) dancing   d) Started

Instruction : Identify the Pronoun :

10. Rahul asked him to return by evening.

a) Rahul   b) asked   c) Him   d) evening

Instruction : Identify the Verb :

11. Shut the window.

a) The   b) window   c) shut   d) None of these

Instruction : Identify the apposite genders for :

12. Peacock

a) hen   b) peahen   c) Mare   d) cock

13. Horse

a) Mare   b) Cow   c) Deer   d) ewe

Instruction : Identify the correct 'plural' from of the words below.

14. woman

a) womans   b) woanes   c) women   d) Mens

15. Batch

a) Batches   b) Batchs   c) Buke   d) Bronch

Instruction : Find the word with correct spellings.

16. a) Earphone   b) Aerphone   d) Aearfone   d) airfone

17. a) princpal   b) principel   c) principal   d) principale

Instruction : Give the synonyms of :

18. hearsay

a) Luxurious   b) Delicious   c) rumour   d) Tasty

19. hint

a) Disfigure   b) tip   c) Disseminate   d) Dissipate

20. homicide

a) Discount   b) Gift   c) murder   d) Argue

21. hard

a) Manifest   b) tough   c) Obvious   d) Daring

Instruction : Give the Antonyms of :

22. bitter

a) better   b) sweet   c) good   d) True

23. beauty

a) Plain   b) ugly   c) Refined   d) Moderate

24. never

a) Always   b) Sometimes   c) Seldom   d) Often

25. good

a) Virtue   b) Vice   c) Courtesy   d) Kindness

Instruction : Arrange the correct alphabetical order.

26. 1) where   2) why   3) whose   4) whom

     a) 3421   b) 2431   c) 2314   d) 1432

27. **raise,rise,rose,right-Which is alphabetically third.**
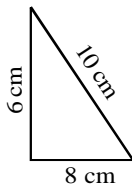
     a) Raise   b) rise   c) Rose   d) right

Instruction : Find the odd man out form the following

28. a) Monday   b) Thusday   c) yesterday   d) Friday

29. a) stem   b) Flower   c) branch   d) Mouse

30. a) red   b) White   c) pillow   d) yellow

31. The improper fraction of $3\frac{6}{7}$ is ....

     a) $\frac{27}{7}$ b) $\frac{9}{7}$ c) $\frac{25}{7}$ d) $\frac{27}{6}$

32. What are the factors of 10 (prime factor)

     a) 5×1 b) 2×5 c) 10×1 d) none of these

33. 2643 + 1956 = ?

     a) 1599   b) 3599   c) 4599   d) 4598

34. Diameter = 50 cm, r = ?

     a) 50 cm   b) 100 cm   c) 25 m   d) 25 cm

35. Add : $\frac{2}{4}+\frac{1}{4}=\square$

     a) $\frac{4}{4}$ b) $\frac{1}{4}$ c) $\frac{3}{4}$ d) $\frac{1}{3}$

36. Complete $45 \times 45 = 2025$

               $55 \times 55 = 3025$

               $65 \times 65 =$ ....

     a) 5625   b) 4225   c) 1225   d) 2025

37. Divide : $7\overline{)98}$

     a) 12   b) 13   c) 15   d) 14

38. Calculate the perimeter,

     a) 25 cm   b) 24 cm   c) 26 cm   d) 27 cm

39. The cost of 4 TV sets is Rs. 9656. Find the cost of each set.

     a) 4241   b) 2414   c) 2144   d) 2441

40. 1 kg = 5 × $\square$ g

     a) 100   b) 1000   c) 200   d) 2000

41. $\dfrac{2}{?} = \dfrac{6}{15}$

  a) 3.   b) 2   c) 5   d) 1

42. Determine pattern and find out next 3 numbers.

  i) 1, 4, 9, 16, ☐, ☐, ☐

  a) 25, 36, 49   b) 36, 25, 49   c) 49, 25, 36   d) 49, 25, 81

43. $\dfrac{1}{3}$ is equivalent to

  a) $\dfrac{1}{6}$ b) $\dfrac{2}{6}$ c) $\dfrac{3}{6}$ d) $\dfrac{3}{4}$

44. Write the fractions : Two fifths

  a) $\dfrac{5}{2}$ b) $\dfrac{2}{5}$ c) $\dfrac{1}{5}$ d) $\dfrac{10}{5}$

45. 10 L 25 ml = ☐ ml.

  a) 1025   b) 100025   c) 125   d) 10,025

46. Read the time shown in the clock choose the time.

  a) 4 : 10   b) 4 :00   c) 12 : 00   d) 3 : 55

47. The number 1 more than 999 = ☐

  a) 10   b) 100   c) 1000   d) 10,000

48. Add : 3248 + 342

  a) 9034   b) 3905   c) 3590   d) 3509

49. How many faces are there in a brick?

  a) 6   b) 8   c) 12   d) 5

50. 81 m = ... cm ?

  a) 81000   b) 8100   c) 81   d) 801

51. The largest four digit number using the digit 7, 4, 5, 2

  a) 2457   b) 5472   c) 2754   d) 7542

52. 15 minutes before bed time. 9.45 | ?

  a) a.m.   b) p.m   c) both (a) & (b)   d) none of these

53. Calculate the number of days between. August 20 and september 1

  a) 10   b) 11   c) 9   d) 13

54. Write the date 3 days before August 8.

  a) 5 August   b) 4 August   c) 6 August   d) none of these

55. Write the fraction from figure.

    a) 1   b) $\dfrac{1}{4}$ c) $\dfrac{4}{1}$ d) $\dfrac{1}{2}$

56. equivalent fraction of $\dfrac{7}{9}$ is.

    a) $\dfrac{9}{7}$ b) $\dfrac{14}{18}$ c) $\dfrac{100}{81}$ d) none of these

57. Fill in the blank : 24 × 10000
    a) 2400   b) 24000   c) 240000   d) 24

58. Find the perimeter of the squares whose side is 20 cm.
    a) 80 cm   b) 100 cm   c) 120 cm   d) 40 cm

59. Find the perimeter of the rectangle.

    l = 8 cm, b = 12 cm.

    a) 100 cm   b) 40 cm   c) 50 cm   d) 60 cm

60. __?__ × 24 = 24000
    a) 100   b) 1000   c) 10   d) 10000

61. In code, the word 'TALENT' is written as TALLEENTT. How will you write the word 'CLEVER' in the same code?
    a) CCLEEVEER   b) CLEEVVERR   c) CLLEVER   d) CLLEVVERR

62. What is the number of letters 'a' and 'e' respectively in the sentence: 'Once upon a time, there lived a beautiful princess'?
    a) 3,3   b) 7,3   c) 7, 7   d) 3, 7

63. In the number sequence below, how many times does it occur that the sum of successive two numbers is 12?

    Number sequence : 3, 5, 4, 8, 2, 6, 6, 8, 3, 9, 4, 8, 0, 8, 7, 5.

    a) Three   b) Four   c) Five   d) Six

Direction : A C E F H J K M O P R T U W Y

64. Letters at which places, from the left of the above sequence, form the word COT ?
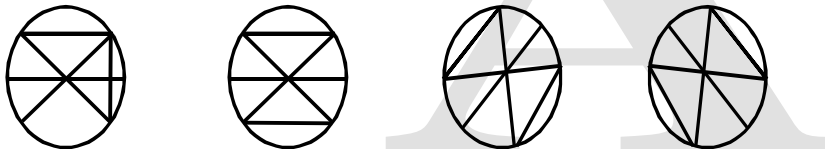   a) 2nd, 8th, 12th   b) 2nd, 9th, 12th   c) 2nd, 9th, 13th   d) 3rd, 10th, 12th

65. Find the odd man out :
    a) tiger   b) Lion   c) Fox   d) Peacock

66. a) Mango   b) Tamarind   c) Shoeflower   d) Watermelon

Direction :Find the odd figure out of the given alternatives.
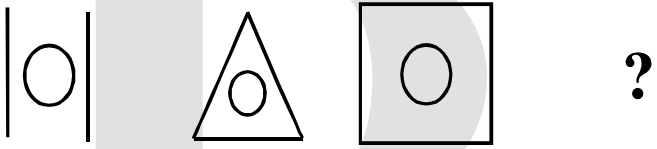
67.

    a)   b)   c)   d)

Direction : Find the odd man out from the figures given in each question below :
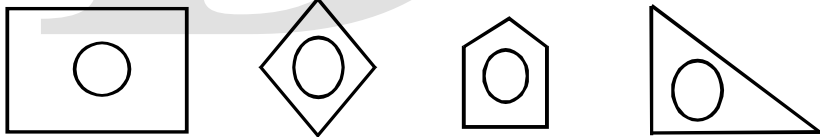
68. a) 13   b) 26   c) 39   d) 51

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

69. 37 41 43 47 ?

    a) 53   b) 51   c) 55   d) 57

70. 8 16 32 64 ?

    a) 96   b) 112   c) 128   d) 80

Direction : Find the missing figure in the series given below :

71. **Question figure :**

Answer figure :

            a)   b)   c)   d)

Direction : Identify the wrong term in the given series:

72. 16, 32, 42, 48, 80

    a) 16   b) 32   c) 42   d) 80

Direction : Find the words that belong to the following groups:

73. volleyball, football, dodgeball, ...

    a) chess   b) kho-kho   c) boxing   d) baseball

74. rain, ice, steam, ...

    a) snow   b) monsoon   c) clouds   d) river
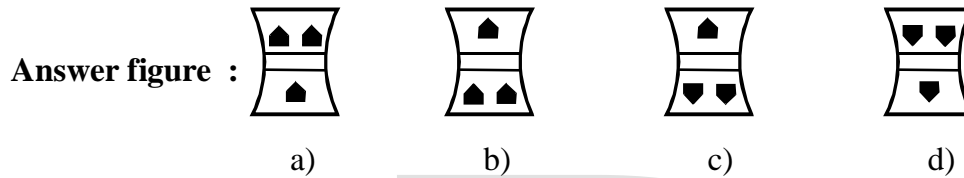
Direction : If you hold the following question figures on water, what will the water reflection be?

75. **Question figure :**

Answer figure :

            a)   b)   c)   d)

Direction : Out of the given group of figures find out an exct similar figure to the given question figure :

76. **Question figure :**

    Answer figure :

            a)   b)   c)   d)

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

77. two : pair :: three : ?

   a) triangle   b) third   c) trio   d) thrice

78. October : Gandhiji : : September : ?

   a) Pandit Nehru   b) Dr. Radhakrishnan

   c) Dr. A.P.J. Abdul Kalam   d) Dr. Babasaheb Ambedkar

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

79. 9, 28, 65, ?

   a) 82   b) 104   c) 123   d) 126

Direction : In each of the question below three figures form a group due to their similarity. One figure is different. Choose the odd one:

80.

     a)   b)   c)   d)
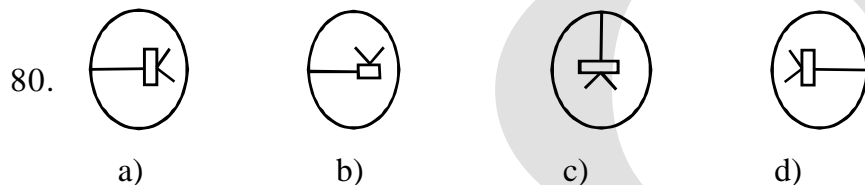
Direction : In each question below, there is a problem. It can be seen from these problems, how do you think and react? There are four alternatives given below the question. Find out the correct or proper alternative.

81. Rohan is taller than Anand but shorter than Seema. Krishna is taller than Pushpa but shorter than Anand. Dhiraj is taller than Krishna but shorter than Seema. Who among them is the tallest?

   a) Rohan   b) Krishna   c) Pushpa   d) Seema

82. If one faces the direction between the south and the east, which direction will there be at one's back side?

   a) Southeast   b) Northeast   c) Northwest   d) Southwest

83. In the year 2009. Dr. Babasaheb Ambedkar's death anniversary (6th December) was on Sunday. On which day did Christmas fall in that year?

   a) Sunday   b) Friday   c) Tuesday   d) Wednesday

Direction : In the following table which number from the alternatives will fit in the blank place?

84.
35		48		56	
5	7	6	8	7	?

    a) 10   b) 11   c) 9   d) 8
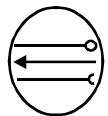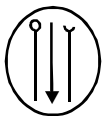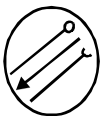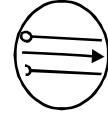
85.
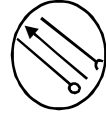| 36	9	4	42	14	3	51	?	3

    a) 19   b) 13   c) 17   d) 18

Direction : Find the words that belong to the following groups:

86. kite, sparrow, crow, ...

    a) cat   b) camel   c) rabbit   d) crane

87. coat, pant, shirt, ...

    a) dhoti   b) umbrella   c) handkerchief   d) bag

Direction : Find the figure that belongs to the following group :

88. **Question figure :**

    Answer figure :

         a)   b)   c)   d)

Direction : Find the number that fits in the given group of numbers :

89. 24, 48, 96, ?

    a) 118   b) 192   c) 122   d) 124

90. 4, 7, 15, 29, ?

    a) 59   b) 57   c) 49   d) 47

■ Descriptive question (Compulsory)

1. **Essay writing on any one topic. (any one in 150 Words)**   **5 M**

    1. My School   2. My Teacher

2. **Write about yourself. (150 Words)**   **5 M**