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

ENTRANCE EXAMINATION - VII TH

DEFENCE CAREER ACADEMY, AURANGABAD.

As an ISO 9001 : 2008 - Certified

ENT : 2014	**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.

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

The room in which the boys were fed was large stone hall, with a copper at one end, out of which the master, dressed in an apron for the purpose, and assisted by one or two women, ladled the gruel at mealtimes. Of this festive composition each boy had one porringer, and on more except on occasions of great public rejoicing, when he had two ounces and a quarter of bread besides. The bowls never wanted washing. The boys polished them with their spoons until they shone again; and then they would sit staring at the copper with such eager eyes as if they could have devoured the very bricks of which it was composed. Boys have generally excellent appetites Oliver Twist and his companions suffered the tortures of slow starvation for three months; at last they got so voracious and wild with hunger that a council was held; lots were cast who should walk up to the master after supper that evening and ask for more; and it fell to Oliver twist.

1. bowls never <u>wanted</u> washing
   a) noun b) pronoun c) verb d) adjective
2. Oliver Twist and his companions suffered the tortures of slow starvation for ..... months.
   a) one b) two c) three d) four
3. At last they got so <u>voracious</u> and wild with hunger
   a) Dangerous b) angry c) fierce d) to take revange
4. The master was dressed in.....
   a) apron b) coat c) Suite d) trouser

Q.5. to 8 : Read the following poem carefully and answer the questions choosing the correct option.

I bring fresh showers for the thirsting flowers,
From the seas and the streams;
I bear light shade for the leaves when loid
In their noon-day dreams.
From my wings are shaken the dews that waken
The sweet buds every one,
When rocked to rest on their mother's breast,
As she dances about the sun.

5. How was the flowers ?
   a) hungry b) thirsty c) weak d) strong
6. Where from the showers come in this poem?
   a) seas b) sun c) river d) cloud

Instruction : Identify the rhyming word for :

7. steams
   a) dreams b) flower c) waken d) one
8. sun
   a) loid b) one c) flower d) breast

Instruction : Identify the noun :

9. He is an honest Indian.
   a) he b) is c) honest d) indian

Instruction : Identify the Pronoun :

10. He has visited New Delhi.
    a) he b) has c) visited d) New Delhi

Instruction : Identify the Adjective :

11. I have a latest Laptop.
    a) I b) have c) latest d) laptop

Instruction : Identify the Verb :

12. Post the letter.
    a) post b) the c) letter d) none of these

Instruction : Identify the Gender :

13. Horse
    a) masculine b) feminine c) netural d) none of these
14. Moon
    a) masculine b) feminine c) netural d) none of these

Instruction : Identify the Plural number :

15. Ox
    a) oxes b) oxen c) oxs d) ox
16. Wolf
    a) wolfs b) wolfes c) wolves d) none of these

Instruction : Find the word with correct spellings.

17. a) psychology b) pyschology c) sycology d) pcgcology
18. a) arkeology b) archaeology d) archealogy d) archiology

Instruction : Give the synonyms of :

19. One must live life with **DIGNITY**
    a) Nobility b) Eminence c) Honour d) Rank
20. Europe, America and Japan have taken to the filed of science with **SINGULAR** vigour and activity.
    a) Peculiar b) Outstanding c) Familiar d) Single
21. Our age is preeminently an **AGE** of science.
    a) Era b) Date c) Generation d) Moment
22. Ant is believed to be the most **INDUSTRIOUS** creature.
    a) Sensible b) Successful c) Diligent d) Punctual
23. The schools insist on giving **WHOLESOME** food to the children for the proper growth of their mind and body.
    a) Whole crops b) Nourishing c) Fit d) Sound

Instruction : Give the Antonyms of :

24. Her illness **ENERVATED** the whole family.
    a) Enhanced b) Exhausted c) Weakened d) Energized
25. The teacher **INSERTED** another picture to illustrate the point.
    a) Deducted b) Added c) Removed d) Reclined
26. The committee rejected his **LUDICROUS** proposal.
    a) Absurd b) Reasonable c) Farcical d) Stupid
27. Children **ADORE** the cricket players.
    a) Discuss b) Condemn c) Benefit d) Cheek
28. These people are sunk in abysmal ignorance and their illiteracy is simply **COLOSSAL.**
    a) Intolerable b) Huge c) Small d) Silly

Instruction : Arrange the proper Alpha betical order :

29. 1) Break 2) Bronze 3) Board 4) Boil
    a) 3412 b) 4231 c) 1432 d) 2341

Instruction : Find the Odd man out :

30. a) Hundred b) Thousand c) Lakh d) cm

31. 1200 is divisible by .....
a) 4 b) 9 c) 11 d) 13

32. Which is the number that is neither prime nor composite ?
a) 7 b) 3 c) 0 d) 1

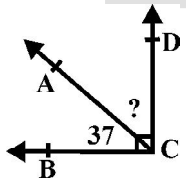
33. Lines in the same plane which never intersect each other is called .....
a) Intersecting line b) parallel line c) Concurent line d) None of the above.

34. How many lines can be drawn through point ..... ?
a) Ten b) Infinite c) Only 1 line d) None of the above.

35. An obtuse angle measures more than .....
a) 80^0 b) 90^0 c) 70^0 d) 180^0

36. Lines in the same plane which intersect each other is called .....
a) Intersecting line b) parallel line c) Concurent line d) None of the above.

37. Write the measure of $\angle$ marked with '?' in the fig below.
a) 53^0
b) 45^0
c) 59^0
d) 60^0



38. Write the measure of the complement of $\angle$AOC
a) 30^0
b) 60^0
c) 90^0
d) 45^0

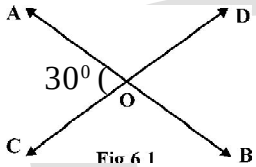


Fig 6.1

39. Find the value of 5^3
a) 625 b) 125 c) 525 d) 225

40. Write in index form : the cube of 9 = ?
a) 3^9 b) 27 c) 7^3 d) 9^3

41. Find the square root of : 121 = ?
a) 24 b) 11 c) 28 d) 21

42. Find the square of : 12 = ?
a) 144 b) 24 c) 121 d) 442

43. Add : 942.27- 27.15 = ...
a) 9151.2 b) 915.12 c) 915.18 d) 951.12

44. multiply : 1237 x 5 = ...
a) 6158 b) 5681 c) 6185 d) 8165

45. Sunil bought a case of 100 mangoes for Rs. 300. He sold them all at Rs. 5 per mangoes. How much was his profit or his loss.
a) Profit is Rs. 200 b) loss is Rs. 200 c) Profit is Rs. 20 d) loss is Rs. 20

46. Write the proper figure in the empty box.

Sr. No.	Cost Price Rs.	Selling Price Rs.	Profit Rs.
1	3050	3200	?

a) 130 b) 150 c) 120 d) 110

47. Find the perimeter of the triangle whose sides are 18.4 m, 13.2 m and 18.5 m.
a) 51.00 cm b) 50.00 m c) 48.30m d) 50.1 m

48. If the perimeter of square is 180 cm, find the length of its sides.
a) 80 cm b) 45 cm c) 120 cm d) 240 cm

49. Simplify : (-18) - (-13) = ... ?
a) -3 b) 3 c) -5 d) 5

50. If one number is positive and the other negative, the product is .....
a) Positive b) Negative c) both a and b d) None of these

51. If Amol scored 72 out of 100 marks in an exam, what was the percentage of the marks she scored?
a) 76 % marks b) 72 % marks c) 96 % marks d) 77 % marks

52. Find the value of : 50 % of 600
a) 50 b) 300 c) 30 d) 40

53. The Ganesh borrowed Rs. 6,00000 from a Axis Bank to buy a house. After 5 years, he paid back entire debt by returning an amount of Rs 8, 40, 000 to the bank: find the interest.
a) 2,10,000 b) 2,40,000 c) 3,40,000 d) 3,10,000

54. The rate of interest is 12 p.a. and the period is 5 years find the interest on Rs. 100.
a) 42 Rs. b) 38 Rs. c) 60 Rs. d) 40 Rs.

55. Find the area of a garden if its length is 20 m and breadth is 5 m.
a) 135 sq. m b) 108 sq.m. c) 100 sq. m d) 75 sq.m.

56. The length 13 cm and breadth 10 cm of rectangle find its area.
a) 120 sq.cm b) 130 sq. cm c) 201 sq.cim d) None

57. How many cubic centimetrer in one cubic metre
a) 10,00, 000 cu.cm b) 10,00,00,000 cu.cm c) 1,00,000 cu.cm d) None of these

58. If every side of a room measures 5 m, how many cubic meter of air does it hold?
a) 130 cu.m b) 125.cu.m c) 135 cu.m d) 115 cu.m.

59. The line segment joining any two points on a circle is called a .....
a) Radii b) Diameter c) Chord d) Arc.

60. The radii is 9 cm, what is the diameter?
a) 18 m b) 18 cm c) 18 cu.m d) 18 cu.cm

61. How many times is the letter ‘e’ repeated in the sentence: ‘Peter Piper Picked a peck of pickled pepper popcorn’?
a) Ten b) Eight c) Seven d) Nine

Direction : Write in the square the number of the term that does not belong to the group:

62. a) 52 b) 41 c) 75 d) 96

63. a) 50 b) 82 c) 72 d) 98

Direction : If the above alphabets are arranged in an ascending or descending order, which will be the middle ?

64 . B, D, G, K, P, V, ?

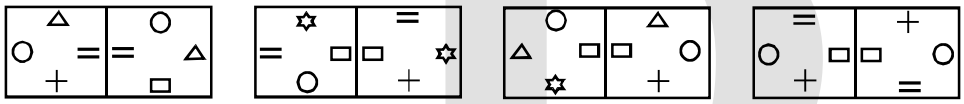
a) Z b) A c) B d) C

Direction :Find the odd man out.

65. a) Nurse b) Medicine c) Patient d) Doctor

66. a) 625 b) 529 c) 784 d) 728

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

67. 

a) b) c) d)

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

68. 3 10 31 94 ?

a) 7 b) 32 c) 283 d) 95

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

69. **Question figure :**

Answer figure :

a) b) c) d)

Direction : Find the missing term in the series :

70. * □ −, □ * −, □ − *, ?

a) − □ * b) * − □ c) * □ − d) * □ −

Direction : Identify the wrong term in the given series:

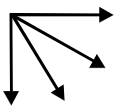
71. (69-96) (48-84) (37-73) (26-63)

a) (37-73) b) (69-96) c) (26 - 63) d) (15-51)

72. Chickoo is cheaper than apple. Banana is cheaper then chickoo. Which is the cheapest fruit?

a) apple b) banana c) chickoo d) data inadequate

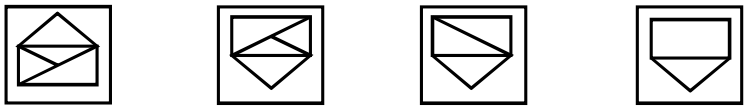
73. How many angles are there in the adjoining figure ?



a) 3 b) 4 c) 5 d) 6

Direction : If you hold the following question figures on water, what will the water reflection be?

74. **Question figures :**

Answer figures : 

a) b) c) d)

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

75.

a) b) c) d)

Direction : Find the missing number on the place of question mark.

76. 2, 12, 36, 80, ?

a) 240 b) 81 c) 150 d) 100

77. 253, 374, 495, 5116, ?

a) 6137 b) 6127 c) 6117 d) 6147

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

78. fish : aquatic : : frog : ?

a) terrestrial b) aerial c) arboreal d) amphibian

79. author : pen : : painter : ?

a) paper b) colour c) brush d) eraser

Direction : Study the pyramid given below and answer questions upon it:

21

19 20

16 17 18

12 13 14 15

7 8 9 10 11

1 2 3 4 5 6

80. 12, 4, 5 : 18, 9, 8 : : ? : 20, 13, 12

a) 16, 10 11 b) 12, 1, 2 c) 19, 13, 12 d) None

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

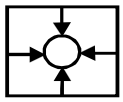
81. 28 : 15 : : 36 : ?

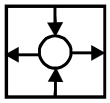
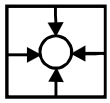
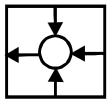
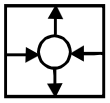
a) 23 b) 12 c) 38 d) 19

82. 36 : 16 : : 54 : ?

a) 29 b) 60 c) 25 d) 30

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

83. **Question figures :** 

Answer figures :    

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.

84. Suresh starts walking from A place 3 Km. straight towards North. He turns left and walks 4 Km. straight (distance) and reaches at B place. What is the minimum distance of B from.

a) 5 Km. North - East b) 5 Km. North - West c) 6 Km. North - West d) 7 Km. North - East

85. Atul is standing in a queue to buy a railway ticket. There are 12 persons in front of him and 20 persons behind him in a queuw. Then how many persons are standing in front of a person who is fifteenth from the last?

a) 16 b) 18 c) 19 d) 20

86. In a row of students, Sachin is 11th from the left and 7th from the right. How many students are ther in the row?

a) 19 b) 15 c) 17 d) 18

87. In the year 2009, 1st January fell on Thursday. How many Thursdays will there be during that whole year?

a) 51 b) 52 c) 53 d) None of these

88. If the first day of a year (other than a leap year) was Friday, which will be the second letter of the last day of that year?

a) a b) h c) r d) u

Direction : One of the circles in the adjoining figure represents group of teachers. The second circle represents a group of pleaders and the third circle represents a group of leaders. Now answer the following four questions :

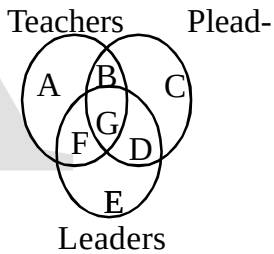
89. Which letter represents the number of leaders, who are teachers but not pleaders ?

a) F

b) G

c) B

d) D



Direction :Which number should occur in the place of the question mark?

90.

D	?	D
M	V	A
Y	G	S

Which letter will replace the question mark in the adjoining figure?

a) I b) T c) R d) P

* Descriptive question (Compulsory)

1. Write an essay on any one of the following in 150 words. 5M

I) Save water

II) Child labour

2. Write about yourself (150 words) 5 M