

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



**ENTRANCE EXAMINATION - VI<sup>TH</sup>**  
**DEFENCE CAREER ACADEMY,**  
**AURANGABAD.**

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

**ENT : 2013**

**SR. NO.**

**TIME ALLOWED : 2.00 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 accepted.
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.**

It was the ambition of an eleven-year old boy in Kansas City to be an engine driver. Born without arms, Tom had been to special schools where he learned to use his feet as 'hands' He spent all his spare time watching trains and one day his dreams came true.

in the railway yard close to his home, Tom saw a deserted engine, He didn't need any invitation to climb in. Starting the engine with his feet was as easy as apple pie. Soon he was travelling along at forty miles an hour. Signalmen could not see the young driver, so that set out to stop the train. Meanwhile the boy reached Missouri, stopped the engine himself, and then made it go backwards. When he was near home, a railway-man caught up with the engine and stopped it. At first he was very angry, but he smiled when the boy said simply, "I like trains." "Well, I'm glad you don't like planes!" answered the railway man.

1. What was Tom's ambition?
  - a) to travel by train to Missouri.
  - b) To leave Kansas by train.
  - c) to drive a railway engine.
  - d) to travel by plane.
2. 'He didn't need any invitation to climb in' means.
  - a) The boy was well mannered.
  - b) Someone invited him to climb in.
  - c) The boy had not been invited to drive an engine.
  - d) The boy was so eager to drive an engine that he didn't ask for permission.
3. How could Tom manage to drive the engine?
  - a) by using his feet as 'hands'
  - b) by reading a manual.
  - c) with the help of the railway-man.
  - d) by learning about it.
4. What was the age of the boy in this passage.
  - a) 10 yrs
  - b) 11 yrs
  - c) 12 yrs
  - d) 21 yrs.

**Q. 5 to 7 : Read the following poem carefully and answer the questions choosing the correct option.**

I was angry with my friend  
I told my wrath, my wrath did end.  
I was angry with my foe.  
I told it not, my wrath did grow.  
And I watered it in fears.  
Night and morning with my tears.  
And I sunned it with smiles.  
And with soft deceitful wiles.  
And it grew both day and night,  
Till it bore an apple bright,

And my foe beheld it shine,  
 And he knew that it was mine.  
 And into my garden stole  
 When the night had veiled the pole;  
 In the morning glad, I see  
 My foe outstretched beneath the tree.

5. The poet watered with his fears:  
 a) his garden  
 b) his anger at his friend.  
 c) his anger at his enemy.  
 d) his apple tree.
6. Who was softly deceitful ?  
 a) the poet's friend?      b) the poet      c) the thief      d) wiles
7. This poem brings out the bad effects of:  
 a) poison      b) theft      c) deceit      d) hatred

**Instruction : Identify the noun :**

8. We told Ragini all that had happened.  
 a) we      b) told      c) Ragini      d) all

**Instruction : Identify the pronoun :**

9. He received that yesterday.  
 a) he      b) received      c) yesterday      d) that

**Instruction : Identify the Adjective :**

10. I have never seen a wonderful scene.  
 a) I      b) Never      c) wonderful      d) scene

**Instruction : Identify the Verb :**

11. The sun rises in the east  
 a) Sun      b) rises      c) in      d) east

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

12. Tiger  
 a) Tigress      b) Tigeress      c) Tigares      d) Tegerass
13. Master  
 a) Mister      b) Mastress      c) Mistress      d) Misteress

**Instruction : Identify the plural form of noun :**

14. Mouse.  
 a) Mice      b) Mouses      c) Mousess      d) Mices
15. Photo  
 a) Photo      b) photo      c) photos      d) photes

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

16. a) Instruction                      b) instrution                      c) Instrucsion                      d) Instraction  
17. a) Begining                      b) bginning                      c) bginning                      d) beginning

**Instruction : Give the synonyms of :**

18. Portable  
a) Clay-like                      b) wet                      c) Liquid                      d) small  
19. Seldom  
a) often                      b) rarely                      c) ever                      d) hever  
20. Candid  
a) important                      b) reserved                      c) special                      d) frank  
21. Author  
a) Poet                      b) writer                      c) publisher                      d) teacher  
22. Special  
a) Important                      b) reserved                      c) candid                      d) frank

**Instruction : Give the Antonyms of :**

23. adversity  
a) prosperity                      b) scaraity                      c) vanity                      d) eternity  
24. Portable  
a) clay – like                      b) wet                      c) liquid                      d) immovable  
25. alert  
a) dull                      b) smart                      c) fresh                      d) Clever  
26. often  
a) always                      b) frequently                      c) seldom                      d) continuously

**Instruction : Arrange it and alphabetical order :**

27. The 2<sup>nd</sup> word : grass grasp, grieve, treat  
a) grass                      b) grasp                      c) grieve                      d) treat  
28. The 4<sup>th</sup> word : bee ass fox elephant  
a) bee                      b) ass                      c) fox                      d) elephant

**Instruction : Find odd man out :**

29. a) jowar                      b) wheat                      c) bajara                      d) brinjal  
30. a) weak                      b) height                      c) Young                      d) tall

31. Numbers which have ..... & ..... in the unit place are divisible by 5  
 a) 0,5                                      b) 1,5                                      c) 5,7                                      d) 0,1
32. The numbers which have more than two factors such numbers are called .....  
 a) Prime number                              b) Composite number                              c) even number                              d) odd number
33. .... is neither a prime nor a composite number.  
 a) 0                                      b) 1                                      c) -1                                      d) 2
34. Profit = .....  
 a)  $\frac{S.P}{C.P}$                                       b) C.P - S.P                                      c) S.P. - C.P.                                      d) None of these
35. 1 minute = ..... seconds.  
 a) 70                                      b) 80                                      c) 60                                      d) 100
36. Fill in the box :  $\frac{1}{2} = \frac{\square}{20}$   
 a) 10                                      b) 20                                      c) 100                                      d) both (a) & (b)
37. The lowest form of  $\frac{15}{25}$  is  
 a)  $\frac{5}{3}$                                       b)  $\frac{3}{5}$                                       c)  $\frac{5}{10}$                                       d)  $\frac{15}{5}$
38. The measure of an acute angle is less than  
 a)  $100^{\circ}$                                       b)  $90^{\circ}$                                       c)  $30^{\circ}$                                       d)  $50^{\circ}$
39. The measure of an obtuse angle is greater than .....  
 a)  $30^{\circ}$                                       b)  $60^{\circ}$                                       c)  $180^{\circ}$                                       d)  $90^{\circ}$
40. Whic of the following are decimal fraction ?  
 a)  $\frac{14}{35}$                                       b)  $\frac{235}{50}$                                       c)  $\frac{100}{5}$                                       d)  $\frac{65}{1000}$
41. Convert in to decimal point  $\frac{1234}{10}$   
 a) 12.34                                      b) 1.234                                      c) 123.4                                      d) None of these
42. The place value of 83.619  
 a) 0.009                                      b) 0.09                                      c) 0.9                                      d) 9
43. Convert numerator - denominator form 0.30  
 a)  $\frac{30}{1000}$                                       b)  $\frac{300}{10}$                                       c)  $\frac{3}{10}$                                       d)  $\frac{30}{100}$
44. Add :  $3.64 + 5.4$   
 a) 9.04                                      b) 90.4                                      c) 904.0                                      d) 0.904
45.  $0.4 \times 2$  multiply :  
 a) 8                                      b) 0.08                                      c) 0.8                                      d) 8.02
46. Each angle of a square is a ..... angle.  
 a) obtuse                                      b) right                                      c) acute                                      d) both (a) & (c)

47. The relation between the radius & the diameter a circle  
 a) Diameter of a circle =  $r \times 2$                       b) radius of a circle = diameter  $\div 2$   
 c) both (a) & (b)    d) All of above
48. Perimeter of a square = .....  
 a)  $2 \times \text{side}$     b)  $2 \times \text{length} + 2 \times \text{breadth}$   
 c)  $\text{side} \times \text{side}$     d)  $4 \times \text{side}$
49. Area of rectangle  
 a) length + breadth                      b) length  $\times$  breadth                      c)  $2 \text{ length} + 2 \text{ breadth}$                       d) none of these
50. Divide :  $\frac{1}{4} \div \frac{1}{3}$   
 a)  $\frac{12}{1}$                       b)  $\frac{1}{12}$                       c)  $\frac{4}{3}$                       d)  $\frac{3}{4}$
51. reciprocal of number :  $\frac{5}{7}$   
 a) 1                      b)  $\frac{5}{7}$                       c)  $\frac{7}{5}$                       d) 0
52. Multiply :  $5 \times \frac{1}{6}$   
 a)  $\frac{6}{5}$                       b)  $\frac{1}{5}$                       c)  $\frac{5}{6}$                       d)  $\frac{10}{20}$
53. Add :  $3 \times \frac{2}{5} + 1\frac{1}{4}$   
 a)  $\frac{17}{5} + \frac{5}{4}$                       b)  $\frac{6}{5} + \frac{5}{4}$                       c)  $\frac{2}{5} + \frac{1}{4}$                       d) All above
54. Multiplaying :  $3.845 \times 100$   
 a) 38.45                      b) 384.5                      c) 3845                      d) 0.3845
55. Divide :  $\frac{3}{5} \div 4$   
 a)  $\frac{4}{20}$                       b)  $\frac{3}{21}$                       c)  $\frac{12}{5}$                       d)  $\frac{3}{20}$
56. Find the area of rectangle whose  $l = 4 \text{ cm}$ .  $b = 2 \text{ cm}$   
 a)  $120 \text{ cm}^2$                       b)  $135 \text{ cm}^2$                       c)  $170 \text{ cm}^2$                       d) None of these
57. Find the area of square whose side is 6 cm.  
 a)  $12 \text{ cm}^2$                       b)  $36 \text{ cm}^2$                       c)  $24 \text{ cm}^2$                       d) None of these
58. Simplify :  $\frac{9}{16} \times \frac{4}{3}$   
 a)  $\frac{3}{4}$                       b)  $\frac{-3}{4}$                       c)  $\frac{9}{3}$                       d)  $\frac{36}{48}$
59. Write the place value of : 483217  
 a) 2                      b) 200                      c) 2000                      d) 20
60. 2 is a ..... number.  
 a) even number    b) odd number  
 c) even - odd number    d) even - prime number








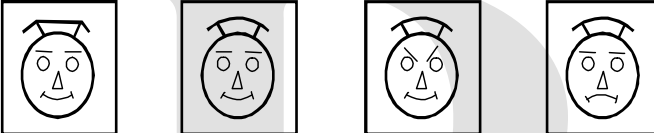
**Direction : Find the number in the place of question mark.**

78.  $14 : 29 :: 19 : ?$

- a) 38                                      b) 40                                      c) 39                                      d) 42

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

79. Question figure : 

Answer figure : 

**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.**

80. A, B, C and D are four poles. B is shorter than C. A is as tall as B and D. Which is the tallest pole?  
a) C                                      b) B                                      c) A                                      d) D
81. In a queue, there are 17 persons behind Nikhil and 9 persons ahead of him. What is the place of a person from the front if he is at the 10th place from the end of the queue?  
a) 18th                                      b) 17th                                      c) 19th                                      d) 16th
82. If Teachers's Day was celebrated on Thursday, on what day will Gandhi Jayanti be celebrated in the same year?  
a) Tuesday                                      b) Thursday                                      c) Wednesday                                      d) None of these
83. What is the length of wire required to fence a square-shaped garden of length 80 m with 4 rounds of wire?  
a) 320 m                                      b) 640 m                                      c) 960 m                                      d) 1280 m

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

84. 

81	9	3
?	25	5
16	4	2

- a) 82                                      b) 125                                      c) 225                                      d) 625

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

85. January, May, July, .....  
a) February                                      b) April                                      c) August                                      d) September

