

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



ENTRANCE EXAMINATION -VII
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 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 6 : Read the following passage carefully and answer the questions choosing the correct option.

PASSAGE – I

But I did not want to shoot the elephant. I watched him beating his bunch of great against his knees, with that preoccupied grandmotherly air that elephants have. It seemed to me that it would be murder to shoot him. I had never shot an elephant and never wanted to. Somehow it always seems worse to kill a large animal.] Besides, there was the beast ovular to be considered. But I had got to act quickly. I funned to some experienced- looking behaving. They all said the same thing: be took no notice of you if you left him alone, but he might charge if you went too close to him.

1. The author did not want to shoot the elephant because
 - (a) was afraid of it.
 - (b) did not have the experience of shooting big animals.
 - (c) did not wish to kill an animal which was doing anything any harm.
 - (d) did not find the elephant to be ferocious.
2. The phrase “preoccupied grandmotherly air” signifies
 - (a) being totally underbred.
 - (b) Pretending to be very busy
 - (c) a very superior attitude.
 - (d) Calm, dignified and affectionate disposition
3. From the passage it appears that the author was.
 - (a) an inexperienced hunter.
 - (b) kind and considerable
 - (c) possessed with fear
 - (d) a worried man.

PASSAGE – II

For nearly twenty years I taught boys, loving and loved in return. When after twenty eight years of political work , I returned to education I might have confined myself to the administrative side, but look part in the actual Destruction. This I did because I found happiness in Modern conditions do not tolerate caste and its monopolies, and the high calling of the educator is open to all.

4. The author suggests that he left teaching after twenty years because
 - (a) he was dissatisfied with teaching;
 - (b) he wanted to become an administrator.
 - (c) he wanted to take part in political activities.
 - (d) he was busy with family and domestic affairs.
5. Which one of the following types of educational activities and the author take up?
 - (a) Educational administration
 - (b) Teaching
 - (c) Advising educational institutions
 - (d) Writing educational books.
6. Which one of the following phrases best helps to bring out the precise meaning of the term “high calling of the education”?
 - (a) The noble profession of teaching
 - (b) The serious advice to the educator
 - (c) The difficult work of educational administration
 - (d) The high-sounding phrases used to describe a teacher.

Instruction : Identify the rhyming word for :

7. pass
a) dream b) flower c) class d) one
8. won
a) loid b) run c) flower d) bread

Instruction : Identify the noun :

9. I am living with my grandparents in Aurangabad.
a) i b) living c) Aurangabad d) with

Instruction : Identify the Pronoun :

10. He is swimming in the lake now.
a) he b) is c) swimming d) now

Instruction : Identify the Adjective :

11. He is the wise man of the academy.
a) he b) academy c) wise d) the

Instruction : Identify the Verb :

12. One of them forgot to take the bag.
a) one of them b) take c) bag d) forgot

Instruction : Identify the Gender :

13. book
a) masculine b) feminine c) netural d) none of these
14. drone
a) masculine b) feminine c) netural d) none of these

Instruction : Identify the Plural number :

15. pant
a) pantess b) pants c) pant d) pantes
16. child
a) childs b) childes c) children d) childrens

Instruction : Find the word with correct spellings.

17. a) appearance b) apparance c) appearence d) appeareance
18. a) gauge b) gaegue d) guage d) gaugy

Instruction : Give the synonyms of :

19. absurd
a) senseless b) clean c) abrupt d) candid
20. inscrutable
a) strange b) mysterious c) marvellous d) sublime
21. mutual
a) reciprocal b) agreed c) common d) conjugal
22. pragmatic
a) practical b) proficient c) potent d) patronizing

23. evident
a) prominent b) seen c) observable d) quite clear

Instruction : Give the Antonyms of :

24. Energized
a) Enhanced b) Exhausted c) Weakened d) enervated
25. Removed
a) Deducted b) Added c) inserted d) Reclined
26. Reasonable
a) Absurd b) ludicrous c) Farcical d) Stupid
27. Condemn
a) Discuss b) adore c) Benefit d) Cheek
28. Small
a) Intolerable b) Huge c) colossal d) Silly

Instruction : Arrange the proper Alpha betical order :

29. 1) stingy 2) selfish 3) curious 4) caution
a) 3412 b) 4231 c) 4321 d) 2341

Instruction : Find the Odd man out :

30. a) liter b) fathom c) mililiter d) gram
31. 18 m =
a) 1800 b) 180 c) 18 d) 18000
32. How many faces does a cuboid have ?
a) 2 b) 4 c) 6 d) 8
33. How is 3 : 45 pm written in the twenty four hour method?
a) 3 .45 b) 12.45 c) 15:45 d) 13:45.
34. Prime factor of 60
a) $5 \times 2 \times 2 \times 3$ b) $5 \times 3 \times 2$ c) 30×2 d) None of these
35. 52 in Roman is
a) LI b) IIL c) LXI d) LII
36. $a \times a \times a \times a = ?$
a) a^3 b) a^2 c) a^4 d) a^5
37. Simplify : $10 + 3 \times 100 \div 5$
a) 60 b) 75 c) 55 d) 70
38. number is neither prime nor composite.
a) 0 b) 2 c) 1 d) -2
39. Find sum : $0.75 + 1$
a) 0.85 b) 1.75 c) 0.76 d) 0.850
40. Which is greater. 0.5 or 0.05
a) 0.5 b) equal c) con't say d) 0.05

41. Express in mixed fraction $\frac{35}{9}$
- a) $3\frac{6}{9}$ b) $3\frac{7}{9}$ c) $3\frac{8}{9}$ d) $3\frac{9}{9}$
42. Find : $-8 + \underline{\quad} = 0$
- a) -8 b) 0 c) 7 d) 8
43. Simplest form : $\frac{7}{28}$
- a) $\frac{7}{4}$ b) $\frac{1}{4}$ c) $\frac{4}{7}$ d) $\frac{4}{1}$
44. Express : $2\frac{3}{4}$ in improper fraction :
- a) $\frac{11}{4}$ b) $\frac{4}{11}$ c) $\frac{3}{4}$ d) $\frac{3}{12}$
45. All sides are of different length.
- a) Isoscales b) scalene c) Right angle d) Equilateral
46. The distance around a circle is its.....
- a) radius b) diametre c) circumfrence d) none of these
47. Number having more than two factors. are called numbers.
- a) prime b) even c) natural d) composite
48. HCF of 20, 28
- a) 4 b) 6 c) 8 d) None of these
49. How formed in expression first x multiplied by 3, then 2 added to the product.
- a) $2x + 3$ b) $3 - 2x$ c) $3x + 2$ d) $\frac{3x}{2} + 2$
50. Which plane figure has two lines of symmetry
- a) square b) rectangle c) circle d) triangle
51. Fill in the missing number $\frac{14}{21} = \frac{[a]}{3} = \frac{6}{[b]}$, a = ?, b = ?
- a) a = 9, b = 2 b) a = 2, b = 9 c) a = 4, b = 9 d) None of these
52. If $M + 10 = 16$, m = ?
- a) 2 b) 26 c) 4 d) 6
53. Identify fraction 0.04 in lowest form.
- a) $\frac{1}{25}$ b) $\frac{2}{5}$ c) $\frac{30}{25}$ d) $\frac{4}{100}$

54. $100 + 30 + 2 + \frac{1}{10} + \frac{5}{100} = ?$
 a) 12.15 b) 123.15 c) 153.15 d) 132.15
55. Subtract $\frac{3}{4}$ from $\frac{5}{6}$.
 a) $\frac{6}{12}$ b) $\frac{4}{12}$ c) $\frac{1}{12}$ d) $\frac{3}{12}$
56. $-7 - 8 - (-25) = ?$
 a) 10 b) 15 c) 16 d) 20
57. A number with 4 or more digits is divisible by 8, if the number formed by the last three digits is divisible by
- a) 4 b) 2 c) 6 d) 8
58. Which number is divisible by 11.
 a) 308 b) 1331 c) 61809 d) all of above
59. Multiple of 9 is
- a) 81 b) 10 c) 12 d) 181
60. Division by zero is.
 a) 0 b) -1 c) cant do d) not defiend
61. How many times is the letter 'i' repeated in the sentence: 'Peter Piper Picked a pick of pickled pepper popcorn'?
- a) Six b) Three c) Five d) Four

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

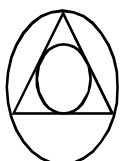
62. a) 43 b) 44 c) 47 d) 51
63. a) 88 b) 22 c) 66 d) 31
- 64 . C, E, H, L, Q, W, ?
 a) A b) B c) C d) D

Direction :Find the odd man out.

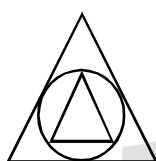
65. a) Orange b) Mango c) Banana d) Juice
66. a) 49 b) 64 c) 144 d) 149

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

67.



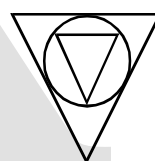
a)



b)



c)



d)

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

68. 7 11 18 29 ?

a) 30

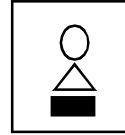
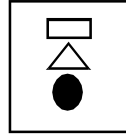
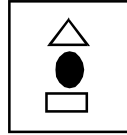
b) 37

c) 45

d) 57

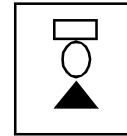
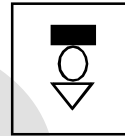
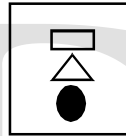
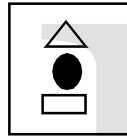
Direction : Find the missing figure in the series given below :

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. $\frac{2}{5}, \frac{3}{7}, \frac{4}{9}, \frac{5}{11}, \frac{6}{12}$

a) $\frac{2}{5}$

b) $\frac{6}{12}$

c) $\frac{5}{11}$

d) $\frac{3}{7}$

72. Gold is cheaper than Diamond. Diamond is cheaper than Platinum. Which is the cheapest?

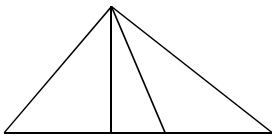
a) Silver

b) Gold

c) Diamond

d) Platinum

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



a) 3

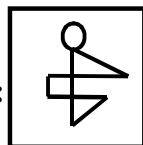
b) 4

c) 5

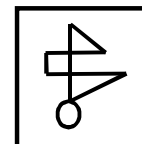
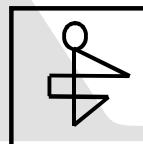
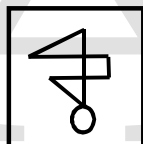
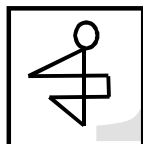
d) 6

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

74. Question figures :



Answer figures :



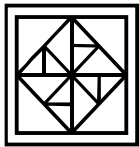
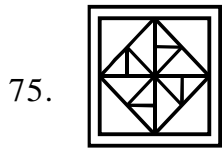
a)

b)

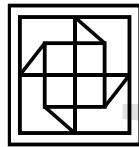
c)

d)

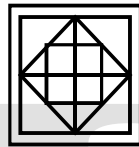
Direction :If you hold the folloiwng question image in front of a mirror, what will the mirror image be?



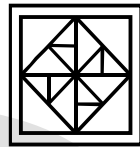
a)



b)



c)



d)

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

76. 3, 4, 5, 7, 7, 10, ?, 13, 13

a) 12

b) 11

c) 13

d) None of these

77. 4, 10, 23, 50, ?

a) 95

b) 100

c) 105

d) 110

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

78. Mathematics : Digits : : Language : ?

a) Words

b) Sentences

c) Letters

d) English

79. Library : Reader: : Temple : ?

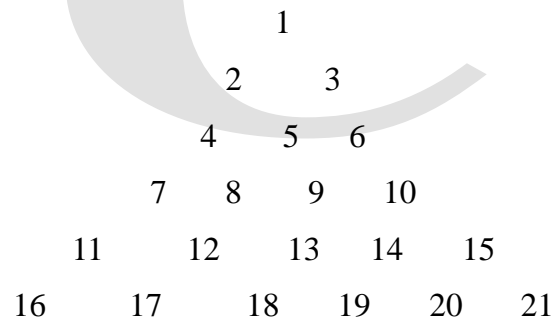
a) God

b) Worshipper

c) Priest

d) Idol

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



80. 7, 12, 18, 8 : 10, 14, 19, 9 : : 11, 12, 4, 2 : ?

a) 15, 14, 9, 3

b) 15, 14, 6, 3

c) 14, 15, 3, 9

d) 14, 15, 10, 6

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

81. 11 : 143 : : 13 : ?

a) 169

b) 170

c) 181

d) 195

82. 13: 34 : : 45 : ?

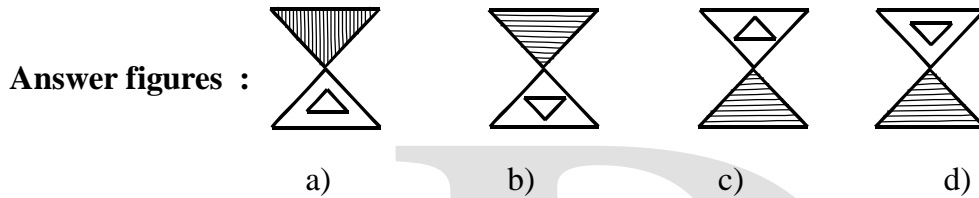
a) 51

b) 54

c) 19

d) 11

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

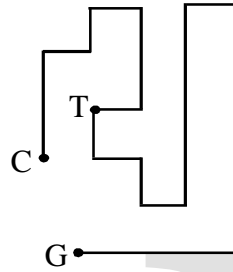


84. Six children take part in a tournament. Each one has to play with every other one. How many games must they play
- a) 6 b) 30 c) 11 d) 15
85. The distance between 16 poles is 480 metres. All poles are at equal distance. Then what is the distance between the 5th and the 9th pole?
- a) 120 m b) 128 m c) 150 m d) None of these
86. A shopkeeper has some coins of Rs 5 and some coins of Rs. 2. Their total value is Rs. 150. The total value of Rs. 2 coins is less than the total value of Rs. 5 coins by Rs. 50. Then how many coins of Rs. 5 does the shopkeeper have?
- a) 25 b) 20 c) 10 d) 5
87. Mr. Dubey took 30 days' leave of absence starting from the 1st of February 2004, which was a Sunday. On which day does he resume duty?
- a) Wednesday, 3rd March
 b) Thursday, 4th March
 c) Monday, 1st March
 d) Tuesday, 2nd March
88. If the year 2003 began on Wednesday, what was the day on 1st April 2003?
- a) Tuesday b) Thursday c) Monday d) Wednesday
89. Gampu and Chintu go to Karate class. Gotya and Gampu learn painting. Only Gampu goes to computer class. Based on these facts, Which of the following statements is correct?
- a) Chintu and Gampu learn painting.
 b) Nobody learns all three things.
 c) Gotya and Chintu learn Karate
 d) Only Gampu learns all the three things.

Direction :The path from C to G is shown in the adjoining figure. Observe the figure and answer the following questions.

89. How many left turns does one take while going from G to T?

- a) 2 times
- b) 3 times
- c) 4 times
- d) 5 times



*** 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

