

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



ENTRANCE EXAMINATION -VTH
DEFENCE CAREER ACADEMY,
AURANGABAD.

As an ISO 9001 : 2008 - Certified

ENT : 2013

TIME ALLOWED : 2.00 HOURS

SR. NO.

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 INDUS VALLEY civilization, of which impressive remains have been discovered at Mohenjo-daro in Sind and at Harappa in the western Punjab, is the earliest picture that we have of India's past. These excavations have revolutionized the conception of ancient history.

1. Where is Mohenjo-daro?
a) Sindh b) Punjab c) Madhya Pradesh d) Gujrat.
2. Where is Harappa ?
a) Sindh b) Punjab c) Madhya Pradesh. d) Gujrat.
3. The civilization is called
a) Mohenjo-daro b) Harappa c) Indus valley d) None of these
4. Harappa civilization is in Punjab
a) Eastern b) Western c) Southern d) Northern

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

There are little eyes upon you
and they're watching night and day.
There are little ears that quickly
take in every word you say.
There are little hands all eager
to do anything you do.

5. What is upon you?
a) eyes b) ears c) years d) town
6. When are they watching.
a) Day and night b) Morning c) evening d) night
7. Who is eager ?
a) legs b) hand c) ear d) hand
8. Who takes little words ?
a) legs b) hand c) ear d) hand

Instruction : Identify the noun :

9. Mery jumped happily and started singing.
a) Happily b) Mery c) Singing d) Started

Instruction : Identify the Pronoun :

10. Ramesh told her to return by afternoon.
a) Ramesh b) Told c) Her d) Afternoon

Instruction : Identify the Verb :

11. Good children obey their parents.
a) Good b) parents c) Obey d) Their

Instruction : Identify the apposite genders for :

12. Horse
a) Mare b) Cow c) Filly d) ewe
13. God
a) Goddess b) godess c) goddes d) godes

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

14. Calf
a) calf b) Calfes c) Calveses d) Calves
15. Roof
a) Roove b) Roofs c) Roofes d) Roof

Instruction : Find the word with correct spellings.

16. a) Paradise b) Pardise c) Pardies d) Pardese
17. a) Worksheep b)Worship c) Wordshep d) Wordship
18. a) Cearfully b) Carefully c) Carefuli d) Carefulli

Instruction : Give the synonyms of :

19. Expensive -
a) uneconomical b) dear c) cheap d) none of these
20. Sufficient -
a) enough b) less c) insuffiecent d) adequate
21. Herculean
a) Violent b) reckless c) immensely d) creative
22. Trivial
a) out standing b) unimportant c) large d) noticeable
23. anguish
a) wonder b) shock c) astonish d) agong

Instruction : Give the Antonyms of :

24. Victim
a) attacker b) target c) prey d) dupe
25. Pessimist
a) theist b) optimist c) realist d) atheist
26. urban
a) turban b) cap c) civilized d) Rural
27. Ferocious
a) iron -like b) mild c) violent d) strong
28. Peace
a) Distrub b) Silence c) Noise d) Quite

Instruction : Find odd man out :

29. a) Bat b) Ball c) Stump d) Player
30. a) Phone b) Audioplayer c) News paper d) Radio

31. Rewrite the following numbers in Devnagari script : 7945
 a) 7954 b) 7495 c) 7945 d) 7459
32. Rewrite in international numerals : 41658
 a) 14685 b) 41658 c) 46158 d) 46851
33. What is the product of the place value of the digit 1 in the number 71101?
 a) 1101 b) 1001 c) 1000 d) 100000
34. What is the product of the face values of the digits 3 & 4 in the number 34437 ?
 a) 144 b) 14 c) 44 d) 3443
35. What is the expanded form of eighty seven thousand eight hundred & eight - nine?
 a) $80000 + 7000 + 800 + 90 + 0$ b) $80000 + 7000 + 800 + 90 + 8$
 c) $80000 + 7000 + 800 + 80 + 9$ d) $8000 + 7000 + 800 + 70 + 9$
36. $3 \times 1 + 8 \times 100 + 7 \times 10 + 4 \times 10000 + 6 \times 100 = ?$
 a) 45678 b) 48675 c) 48765 d) 45768
37. $50000 + 20 + 100000 + 7 + 7000 = ?$
 a) 521770 b) 157720 c) 157027 d) 150727
38. Which of the following dates will lie on the same day?
 a) 5, 11, 17, 23 b) 9,17,25 c) 8,15,22,29 d) 6,13,20,26
39. Which of the following dates is in order
 a) 31 - 9- 08 b) 31 - 7-08 c) 31- 11-08 d) 29 - 2 - 09
40. A year having a number divisible by is a leap year.
 a) 2 b) 3 c) 5 d) 4
41. 5 hours = minutes.
 a) 300 b) 500 c) 30 d) 120
42.

Hrs	min
+ 5	55
4	44

 What is the addition?
 a) 10 hours 9 min b) 10 hours 19 min c) 9 hours d) 10 hours 39 min
43. 7 litre = how many milliliters ?
 a) 70 b) 700 c) 7000 d) 70000
44. How many litres is 90000 milliliters ?
 a) 9 b) 90 c) 900 d) 9000
45. 7 kg = how many grams ?
 a) 70 b) 700 c) 7000 d) 70000
46. How many grams are there in 150 Kg ?
 a) 1500 b) 15000 c) 150000 d) 50000

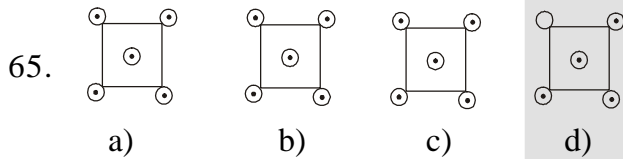
47. 35 m = how many cm?
 a) 350 b) 3500 c) 35000 d) 35
48. How many metres is 13 km?
 a) 130 b) 1300 c) 13000 d) 13
49. From a wire of length 8m, 800cm of wire is used. How much wire is left?
 a) 792 m b) 0m c) 400 m d) 800 cm
50. $\frac{19}{9}$ means
- a) $2\frac{1}{9}$ b) $1\frac{2}{9}$ c) $3\frac{1}{9}$ d) $2\frac{2}{9}$
51. The improper fraction of : $3\frac{6}{7}$
 a) $\frac{27}{7}$ b) $\frac{9}{7}$ c) $\frac{25}{7}$ d) $\frac{27}{6}$
52. $\frac{4}{15} + \frac{7}{15} = ?$
 a) $\frac{12}{15}$ b) $\frac{13}{15}$ c) $\frac{11}{15}$ d) $\frac{3}{15}$
53. $\frac{16}{31} + \frac{19}{31} - \frac{14}{31} = \dots\dots\dots ?$
 a) $\frac{21}{31}$ b) $\frac{49}{31}$ c) $\frac{21}{93}$ d) $\frac{49}{93}$
54. Which of the fractions $\frac{4}{7}, \frac{3}{7}, \frac{5}{7}, \frac{2}{7}$, is the greatest ?
 a) $\frac{4}{7}$ b) $\frac{3}{7}$ c) $\frac{5}{7}$ d) $\frac{2}{7}$
55. What are the factors of 15 ?
 a) 3 & 5 b) 1 & 15 c) 1,3,5 & 15 d) 1 & 3
56. $12 + 12 \div 3 \times 8 - 5 = ?$
 a) 59 b) 49 c) 24 d) none
57. $4864 \div \square = 64$
 a) 71 b) 76 c) 61 d) 66
58. What would be the product of 221 & 32
 a) 1105 b) 5083 c) 7072 d) 7172
59. $2643 + 1956 = ?$
 a) 1599 b) 3599 c) 4599 d) 4598
60. If m is an even number, what will be the next even number ?
 a) 2m b) m + 1 c) m + 2 d) 2m + 2

61. In the sentence, 'An apple a day keeps the doctor away', which three letters occur twice each?
 a) p,d,y b) t,d,p c) d,y,t d) a,e,t
62. What is the difference between the largest and smallest four digit numbers formed from digits 7, 0, 1 using 0 more than once ?
 a) 6930 b) 6039 c) 6093 d) 6309

Direction : ABCDE FGHIJ KLMNO PQRST UVWXY

63. Which is the third letter to the left side of the letter N ?
 a) J b) K c) L d) H
64. Find the odd man out :
 a) Kitchen b) Terrace c) Drawing room d) Bedroom

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



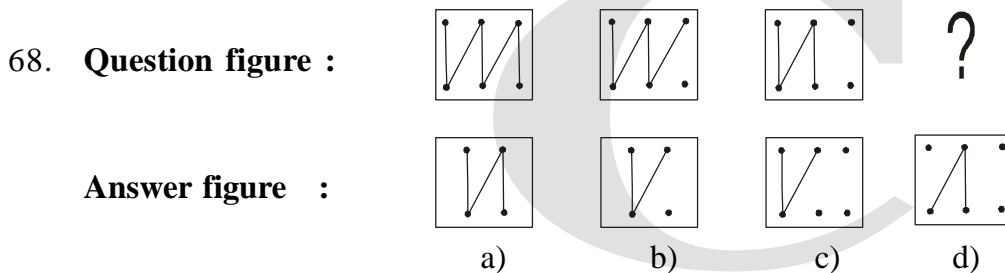
Direction : Find the odd man out from the question given below :

66. a) 32 b) 17 c) 13 d) 19

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

67. 38, 34, 32, 28?
 a) 26 b) 24 c) 22 d) 27

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

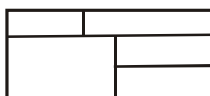


Direction : Find the missing term in the series :

69. + □ - Δ, □ - Δ+, - Δ+ □ , ?
 a) Δ+ □ - b) Δ- + □ c) □ + Δ - d) + - Δ □

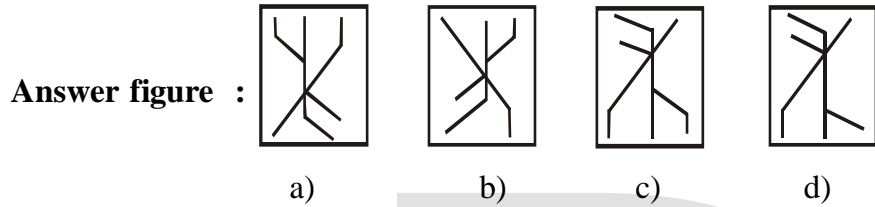
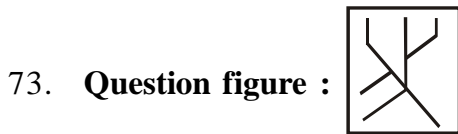
Direction : Identify the wrong term in the given series:

70. 28, 23, 17, 13, 8
 a) 28 b) 13 c) 17 d) 8
71. F as well as K is lighter than P.B is heavier than P. Who is the heaviest ?
 a) P b) F c) B d) K
72. How many rectangles are there in the given figure?

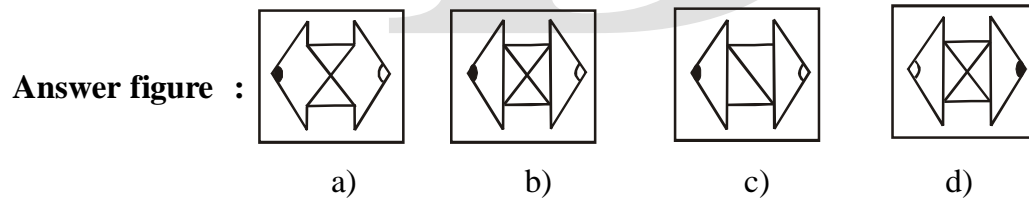
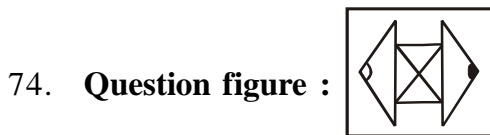


- a) 6 b) 7 c) 8 d) 9

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



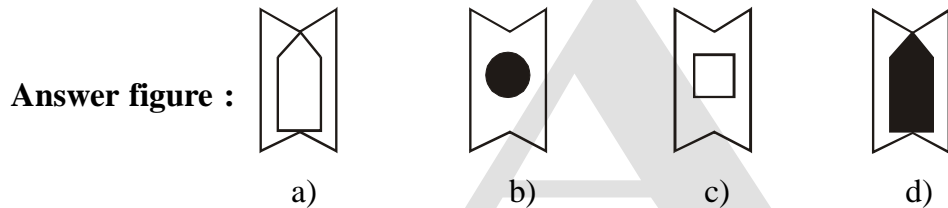
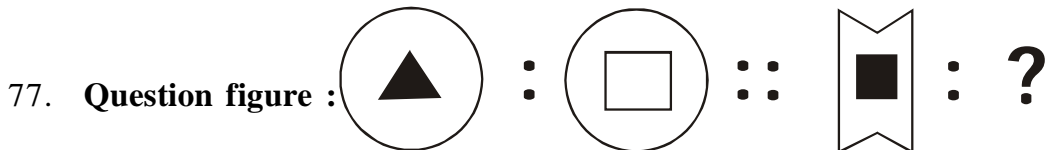
Direction : Find the mirror image of the question figures below :



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

75. Scientist : experiments :: poet : ?
 a) poems b) study c) books d) music
76. Ramayan : word :: ? : sentence
 a) book b) paragraph c) story d) words

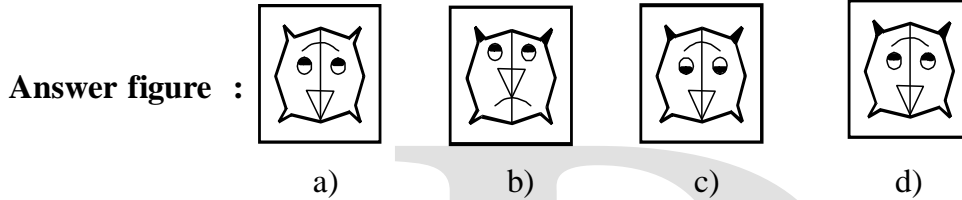
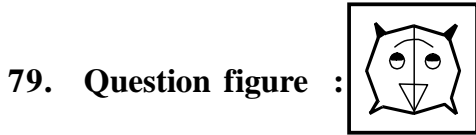
Direction : In the following questions, the 1st two figures bear some relationship to each other. The third and fourth figures bear the same relationship. One of the terms is missing. Find the missing term from amongst the four alternatives.



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

78. 47 : 744 :: ? : 255
 a) 25 b) 522 c) 52 d) 55

Direction : Out of the given group of figures find out an exact similar figure to the given question 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. Taraka is older than Sangeeta. Kiran is younger than Taraka. Who is the oldest ?
 a) Sangeeta b) Taraka c) Kiran d) Data inadequate
81. Vasudha is sitting to the left of Shirish. Shirish is sitting to the left of Vinay. Vivek and Akash are sitting to the right of Vinay. Find who is sitting to the extreme left.
 a) Vasudha b) Shirish c) Vinay d) Vivek
82. The year 2007 started on Monday. Then what day was 2nd Mach, 2007?
 a) Thursday b) Saturday c) Friday d) Wendensday
83. The sides of a triangle are 5cm, 6 cm and 7 cm. What is its perimeter?
 a) 18 cm b) 13 cm c) 11 cm d) 12 cm

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

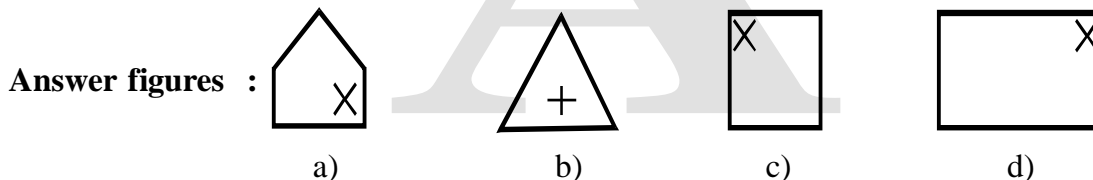
84.

7	9	11
16	?	8
7	12	11

- a) 6 b) 8 c) 9 d) 12

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

85. anger, hatred, dislike
 a) fear b) annoyance c) jealousy d) affection



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

87. 27, 64, 125, ?

- a) 2 b) 8 c) 15 d) 25

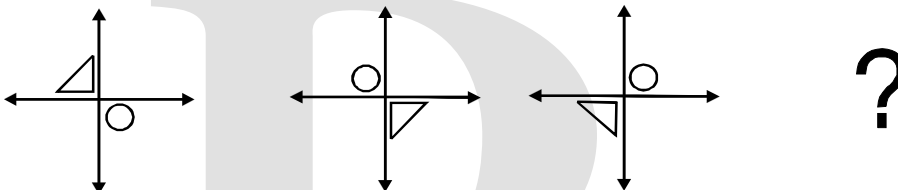
88. 66, 44, 88, 99, ?

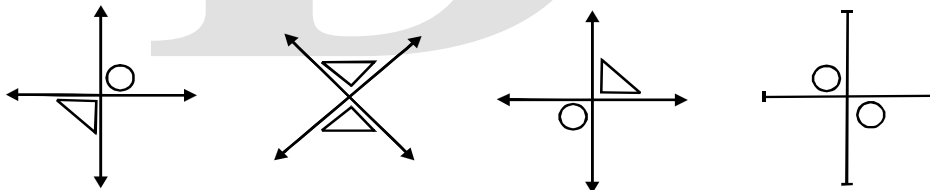
- a) 13 b) 23 c) 33 d) 43

89. 3, 7, 15, 31 ?

- a) 33 b) 48 c) 63 d) 16

Direction : Find the figure that belong to the group of figures in the question ?

90. **Question figure :** 

Answer figure : 

a) b) c) d)

*** Descriptive question (Compulsory)**

- | | |
|-------------------------------------|---|
| 1. Essay writing on any one topic . | 5 |
| 1. My School | |
| 2. My Teacher | |
| 2. Write about yourself. | 5 |
