

AISSEE-MOCK TEST-2024 (ONLY FOR DCC ARMY-2)

Test Booklets code



Test Booklet Number :8586858986 Do not open this Test Booklet until you are asked to do so. Read carefully the Instructions on the Back Cover of this Test

Booklet

Name of the Candidate (in Capital): _____

Roll Number: in figures _____

Centre of Examination (In Capitals): _____

Candidate's Signature: _____ Invigilator's Signature _____

Facsimile signature stamp of Centre Superintendent: _____

In case of any ambiguity in translation of any question, English version shall be treated as final.

INSTRUCTIONS

1. This question paper booklet contains FOUR sections. Section "A" Language contains 25 questions of 2 marks each. Section "B" Mathematics contains 50 questions of 3 marks each. Section "C" General Knowledge and Section "D" Intelligence contain 25 questions each of 2 marks each. In all, the paper consists of 125 questions for a total of 300 marks. Answer all questions.
2. Duration of the test is 2 hours and 30 minutes. (150 minutes)
3. Candidates are required to choose any of the following 13 languages: Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odiya, Punjabi, Tamil Telugu or Urdu, while applying.
4. Question paper booklet for those who opted for English or Hindi will be bilingual (ie. in English and in Hindi).
5. Question paper booklet for those who opted for any of the specified languages, will be bi-lingual, in the language opted by the candidate and in English.
6. Questions in Section "A" are specific to each language. They vary from language to language. They are not translated from English. They are to be attempted in the language opted by you in your application form and indicated on your Admit Card.
7. In case of any ambiguity in translation/construction of a question, in the version of the specified languages, its English version (except for the language section questions) shall be treated as final.
8. Answer all questions in the OMR Answer Sheet only.
9. There is no negative marking for a wrong answer.
10. On completion of the test, hand over the OMR Answer Sheet to the Invigilator before leaving the Room / Hall.
11. Do not write your Roll No, anywhere else except in the specified space in the Question Paper Booklet / OMR Answer Sheet.
12. Do not use white fluid for carrying out any correction on the OMR Answer Sheet. OMR
13. Rough work is to be done in the space provided for this purpose in the Question Paper Booklet only and not on the OMR sheet
14. Do not make unnecessary marks on the OMR answer sheet or fold or attempt to deface it. If you do so, your answer sheet will not be evaluated, OMR



MATHEMATICS

- How many prime numbers are there between 1 to 50
(A) 15 (B) 14
(C) 25 (D) 24
- Which of the following statement is true
(A) Zero is an odd number
(B) Zero is an even number
(C) Zero is a prime number
(D) zero is neither odd nor even
- When -1 is multiplied by -1 100 times, the product
(A) 1 (B) -1
(C) 100 (D) -100
- $631 \times 389 \times 871 \times 429 \times 796$ The unit's digit in the product will be
(A) 3
(B) 0
(C) 5
(D) 6
- What is the missing digit that makes the number 2345_ divisible by 6?
(A) 3 (B) 2
(C) 4 (D) 5
- The sum of two numbers is 234560 if one number is 10010 more than the other then what will be the larger number
(A) 112275
(B) 122285
(C) 132285
(D) 117820
- What is the smallest number to be added to 1000 so that the new number is completely divisible by 45.
(A) 35 (B) 10
(C) 20 (D) 45
- What will be the value of $\frac{4}{5} - \frac{3}{4}$
(A) $\frac{1}{20}$ (B) $\frac{1}{24}$
(C) $\frac{1}{26}$ (D) $\frac{1}{28}$
- $\frac{11}{25}, \frac{11}{27}, \frac{11}{13}, \frac{11}{19}$ What will be written in descending order (descending order)
(A) $\frac{11}{25}, \frac{11}{27}, \frac{11}{13}, \frac{11}{19}$
(B) $\frac{11}{13}, \frac{11}{19}, \frac{11}{25}, \frac{11}{27}$
(C) $\frac{11}{27}, \frac{11}{25}, \frac{11}{19}, \frac{11}{13}$
(D) $\frac{11}{13}, \frac{11}{25}, \frac{11}{27}, \frac{11}{19}$
- 13/15 what to add so that people sum is 1
(A) 1/6
(B) 2/13
(C) 2/15
(D) 2/14
- If 1/3rd of a number is 800 then what will be 2/5th of it?
(A) 560 (B) 670
(C) 980 (D) 960
- A box contains 400 mangoes. 3/25 are spoiled (D) 11/16 of the remaining mangoes are sold (D) The number of mangoes left is
(A) 120 (B) 100
(C) 110 (D) 115
- Pankaj 3/8 part of a book on the first day, 4/5 of the remaining book on the second day, it takes 30 pages to read and if there are children, then how many pages are there in the book
(A) 280 (B) 240
(C) 320 (D) 560
- How many factors does a prime number have
(A) 1 (B) 2
(C) 3 (D) 5
- The number of factors of 36 is
(A) 6 (B) 7
(C) 8 (D) 9
- $1376.23 - ? = 841.474 - 149.031$
(A) 685.787
(B) 785.767
(C) 681.387
(D) 683.787
- What is the value of? $(0.5)^3 + (0.6)^3 / (0.5)^2 - (0.3) + (0.6)^2$
(A) 0.11 (B) 3.3
(C) 1.1 (D) 0.33
- $\frac{2}{10} + \frac{3}{100} + \frac{4}{1000} + \frac{5}{10000}$ convert to decimal fraction
(A) 1.001 (B) 0.2345
(C) 1.111 (D) 2.345
- Find the greatest common factor of 18, 42, 102 ?



- (A) 12 (B) 2
(C) 6 (D) 8
20. Find the least number which when divided by 10, 20, 30, 40 and 50 leaves a remainder of 7 in each case?
(A) 607 (B) 709
(C) 504 (D) 810
21. 3 bells ring at an interval of 12:15 and 18 minutes respectively, if they ring together at 9:00 am, when will they ring together again?
(A) 9:00 am (B) 11:00 am
(C) 12:00 noon (D) 1:00 pm
22. $\sqrt{64009}$
(A) 352 (B) 523
(C) 253 (D) 532
23. Find the value of $2 - \{3 - (4 - \sqrt{3 - 2})\}$
(A) 1 (B) 2
(C) 3 (D) 4
24. $\frac{7}{4}$ convert to percentage
(A) 17.5% (B) 175%
(C) 75% (D) 100%
25. $x\%$ of 75 = 30% of 50, then the value of x is
(A) 500 (B) 100
(C) 20 (D) 200
26. Pankaj has some apples he sells 40% more than he eats if he sells 70 apples then how many apples he eats
(A) 18 (B) 42
(C) 50 (D) 90
27. A shopkeeper bought 100 pens for Rs.250 and sold them at the rate of Rs.3 per pen. What was the total profit or loss he made?
(A) 50 (B) 100
(C) 180 (D) 80
28. If a bag is sold for ₹ 230, there is a profit of 15%, if the bag is sold at a profit of 20%, then its selling price will be
(A) 250 (B) 205
(C) 240 (D) 200
29. A person deposited ₹ 4500 in a bank, if the bank gives interest at the rate of 8% per annum, then how much simple interest will he get after 5 years?
(A) 1200 (B) 1400
(C) 1600 (D) 1800
30. A sum of money becomes Rs 1690 in 6 years at 5% per annum interest, then that money is
(A) 1300 (B) 1500
(C) 1600 (D) 1700
31. If a sum of money doubles in 16 years, how many times will it become in 8 years?
(A) 1/2 (B) 1/4
(C) 1/3 (D) 5/2
32. What is the ratio between ₹5 and ₹50
(A) 1/10 (B) 10/1
(C) 5/10 (D) 2/10
33. The ratio of pencils, pens and exercise books in a shop is 10 : 2 : 3. If there are 120 pencils, then the number of exercise books in the shop is:
(A) 26 (B) 36
(C) 46 (D) 56
34. Ram can do a piece of work in 10 days and Shyam can do the same work in 15 days, then in how many days they together will do that work?
(A) 8 (B) 4
(C) 6 (D) 10
35. 4 weavers can weave 4 mats in 4 days how many mats can be woven by 8 weavers in 8 days at the same speed
(A) 4 (B) 8
(C) 12 (D) 16
36. If 3, 18, m , 42 are in proportion then find the value of m
(A) 6 (B) 54
(C) 7 (D) 252
37. A boy sells a book for ₹450 so he loses 10% what should be the selling price to get 10% profit
(A) 500 (B) 600
(C) 550 (D) 525
38. A mechanic earns ₹ 36000 from 9 cars if he gets 27 cars in 1 day then how much will he earn in 1 day
(A) 108000
(B) 180000
(C) 100800
(D) 100080



39. An average weight of 20 boys in a class is 160 kg and that of the remaining 5 boys is 50 kg. Find the average weight of all the boys in the class

- (A) 138 (B) 183
(C) 140 (D) 150

40. How many faces are there in a cuboid?

- (A) 6 (B) 12
(C) 8 (D) 4

41. The greatest common factor of 40, 56 and 96 is

- (A) 2 (B) 4
(C) 6 (D) 8

42. $\frac{8}{100} + \frac{9}{1000} + \frac{7}{10000} = ?$

- (A) 0.897 (B) 0.0897
(C) 0.00897 (D) 8.97

43. A man buys 10 oranges for ₹3 and sells them for ₹3 at the rate of 8. Find the profit percentage

- (A) 20% (B) 25%
(C) 27% (D) 30%

44. Find the perimeter of the rectangle whose length is 40 cm and diagonal is 41 cm

- (A) 90 (B) 96
(C) 98 (D) 108

45. What should be added to 36 so that the number formed by the relocation of its digits is obtained?

- (A) 37 (B) 35
(C) 21 (D) 27

46. A sum of money will become 2 times in 8 years at a certain rate of interest per annum

- (A) 10 (B) 12
(C) 25/2 (D) 27/2

47. $50 \div 2.5 \times 3$

- (A) 30 (B) 50
(C) 60 (D) 20

48. $1+11+111+1111 = ?$

- (A) 1234 (B) 4321
(C) 1324 (D) 1423

49. $\sqrt{176 + \sqrt{2401}} =$

- (A) 15 (B) 25
(C) 5 (D) 3

50. How many paise are in ₹ 65

- (A) 6005 (B) 5500
(C) 650 (D) 6500

GENERAL KNOWLEDGE

51. The first British viceroy of India-

- (A) Lord Kargen
(B) Lord Irvin
(C) Lord Cannon
(D) Lord Tom

52. Which of the following vitamins is water soluble?

- (A) Vitamin C
(B) Vitamin - D
(C) Vitamin - E
(D) Vitamin K

53. Which state produces maximum silk?

- (A) Karnataka
(B) Tamil Nadu
(C) Bihar
(D) P. Bengal

54. DDT Who had discovered it?

- (A) G. Domock (B) pinmen
(C) John E. Salk (D) Dr. Paul Muller

55. Father of Indian space program? -

- (A) Rajesh Sharma
(B) Ashutosh Verma
(C) Vikram Sarabhai
(D) Mohan Pandey

56. Study of insects is known as-

- (A) Astrology (B) Emetology
(C) Entomology (D) Geology

57. Instrument is used to measure heat-

- (A) Calorimeter (B) Barometer
(C) Lactometer (D) Thermometer

58. Founder of Buddhism Buddha's original name-

- (A) Siddhartha (B) Dushyant
(C) Samara (D) Mahatma

59. Queen of Arabian sea-

- (A) Bombay (B) Andaman
(C) Cochin (D) Goa

60. Silicon city of India-

- (A) Bangalore (B) Goa
(C) Jaipur (D) Delhi

61. The study of sound & sound waves-



- (A) Mechanical (B) Technical
(C) Acoustics (D) Sound Waves
62. Which is the highest gate in India?
(A) Buland Darwaza
(B) India Gate
(C) Golconda
(D) Fatehpur Sikri
63. What is Nandan Kanan Sanctuary famous for?
(A) Birds
(B) White Tiger
(C) Deer
(D) white pyre
64. Who discovered oxygen?
(A) Priestley
(B) Newton
(C) Charles
(D) Madame Curie
65. Which state is the largest coal producing state in India?
(A) Jharkhand
(B) West Bengal
(C) Tamil Nadu
(D) Uttar Pradesh
66. Who was the first President of India?
(A) Dr. Rajendra Prasad
(B) Sarvepalli Radhakrishna
(C) Pt. Jawaharlal Nehru
(D) Lord Mountbatten
67. Instrument used for recording & origin of intensity of earthquakes
(A) Light Metre (B) Clock
(C) Seismograph (D) Thermometer
68. World press Freedom Day is on -
(A) 1st June
(B) 22nd July
(C) 3rd May
(D) 15th August
69. United Nations Organization headquarters is at -
(A) Canada (B) Spain
(C) New York (D) Japan
70. West Bengal shares borders with how many countries?
(A) three (B) four
(C) two (D) five
71. Capital city of Sri Lanka-
(A) Bombay (B) Tokyo
(C) Colombo (D) Delhi
72. What is Konark famous for?
(A) Surya Mandir
(B) Shiva Temple
(C) Krishna Temple
(D) Rath Yatra
73. With which of the following is the Indus Valley Civilization related?
(A) Egyptian Civilization
(B) Harappan Culture
(C) Civilization of China
(D) Mesopotamian Civilization
74. First Asian to receive Nobel prize-
(A) Bankim Chandra
(B) Sardar Patel
(C) Rabindranath Tagore
(D) Jawahar Lal
75. The first woman chief justice of the high court of India was.....
(A) Fatima Biwi
(B) Ruma Pal
(C) Leila Seth
(D) None of these

ENGLISH

Directions (76-80) read the following passage and answer the questions

Dry fruits are useful in various diseases of the brain, muscles and tissues. Particularly almond has got unique properties to remove brain weakness and strengthen it. Almond preserves the vitality of the brain, strengthens the muscles, destroys diseases originating from nervous and bilious disorders. Walnut is another dry fruit that possesses wonderful qualities of curing brain weakness. According to Dr. Johnson, almonds, figs, grapes, dates, apples, and oranges are rich in phosphoric element and should normally be used by brain workers. Phosphorus nourishes the vital tissues of the body. It keeps the mind full of enthusiasm for more work.



76. Dry fruits are useful because they
 (a) strengthen our heart
 (b) cure various diseases of the brain, muscles and tissues
 (c) give confidence to us
 (d) empower us to do challenging tasks.
77. Which one is not a property of almond?
 (a) It preserves the vitality of the brain
 (b) It strengthens the muscles
 (c) It destroys diseases originating from nervous and bilious disorders
 (d) It strengthens our digestive system.
78. Phosphoric element is profusely found in
 (a) almonds, figs, grapes, dates, apples and oranges
 (b) almonds, figs, papayas, guavas and pineapples
 (c) all the green vegetables
 (d) seasonal fruits
79. Brain workers should take fruits rich in phosphoric element because
 (a) they remove brain weakness
 (b) they nourish the vital tissues of the body
 (c) they keep the mind full of enthusiasm
 (d) all the above.
80. The word unique means the same as
 (a) ordinary
 (b) highly qualified
 (c) unusual
 (d) enlightene(D)

Directions (81 - 83) :- Rearrange the following words/Phrases to make meaningful sentences. Choose the correct sequence.

81. the highest peak (a) / mount Everest (b) / is (c) / in the world (d)
 (A) cabd (B) dacb
 (C) bcad (D) cabd
82. race (a) / slow and steady (b) / the (c) / wins (d)
 (A) bacd (B) bdca
 (C) acbd (D) bdca
83. dangerous thing (a) / a little (b) / is a (c) / learning (d)

- (A) bcda (B) cdba
 (C) bdca (D) cabd

Directions (84 - 87) :- Fill in the blanks with the appropriate option.

84. I have been waiting for you for ----- hour.
 (A) a (B) an
 (C) the (D) a few
85. Why are you making ----- noise?
 (A) your (B) the
 (C) a (D) whole
86. Did you just ----- me a liar?
 (A) call (B) called
 (C) at (D) whole
87. He drove the car _____ to avoid missing the train.
 (A) quickly
 (B) outside
 (C) enough
 (D) rarely
88. He got dressed and drove to _____ hospital where his sister was admitte(D)
 (A) the
 (B) an
 (C) a
 (D) that
89. She will be there----- you. (use correct preposition)
 (A) for (B) in
 (C) about (D) of
90. I don't know how------. (put the correct form of the verb)
 (A) Dance (B) to dancing
 (C) to dance (D) to danced


Directions (91 - 92) :- Choose the option with correctly spelt wor(D)

91. (A) Genuine (B) jenuine
 (C) Geniune (D) Genuin
92. (A) Imetation (B) Immitation
 (C) Imitation (D) Imetasion
93. An army is for ants, a ----- is for deer.
 (A) herd (B) flock
 (C) hive (D) pack
94. 'pup' for Dog ; ----- is for Bull.



- (A) calf (B) kitten
(C) cub (D) foal
95. Choose the word which means the opposite of 'AWARE'?
- (A) careful (B) ignorant
(C) alert (D) conscious
96. Choose the word which means the same as 'BRIEF'?
- (A) permanent (B) endless
(C) long (D) short
97. A small shop that sells fashionable clothes, cosmetics, etc. is called
- (A) store (B) stall
(C) boutique (D) booth
98. Rohan ----- the cricket match before he went to study. (use correct tense)
- (A) watches (B) have watched
(C) had watched (D) was watching
99. They will read the report fully before they-----.(use correct verb form).
- (A) will vote (B) would vote
(C) vote (D) are voted
100. while I was reading, the phone----- (use correct tense)
- (A) rang (B) was ringing
(C) rung (D) would ring

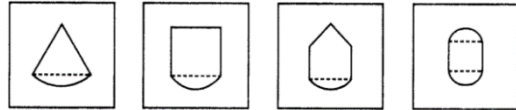
INTELLIGENCE TEST

101. Select the related number from the given alternatives. $11 : 121 :: 20 : ?$
- (A) 441 (B) 400
(C) 289 (D) 200
102. How many triangles are there in the following figure?
- 
- (A) 11 (B) 13
(C) 9 (D) 15
103. If '+' means 'x', '÷' means '+', 'x' means '-' and '-' means '÷', then $54 + 3 - 6 \div 2 \times 6 = ?$
- (A) 25 (B) 324
(C) 210 (D) 23

104. Select the odd word form the given alternatives.

(A) Ball (B) Bat
(C) Stumps (D) Goalkeeper

105. Find odd out one



(A) (B) (C) (D)

106. A series is given with one term missing. select the correct alternative from the given options that will complete the series.

AB, EF, IJ, MN, ?

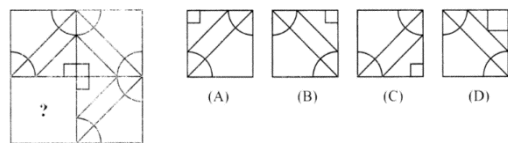
(A) OP (B) QR
(C) PQ (D) RS

107. Select the number which can be placed at the sing of question mark (?) from the given alternatives.

5	6	4
7	3	9
4	8	8
16	17	?

(A) 21 (B) 20
(C) 23 (D) 22

108. Compleet the series

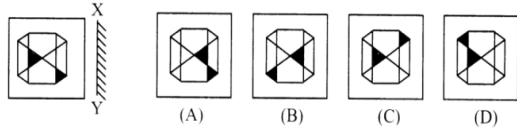


(A) a (B) b
(C)c (D) d

109. Select the related word from the given alternatives: **Clock : Time :: Calendar : ?**

(A) Twelve
(B) Dates
(C) Printed
(D) Diary

110. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given question figure?

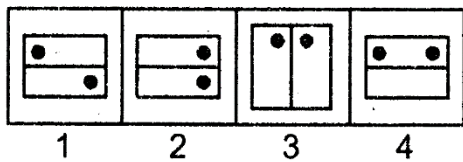


- (A) a (B) b
(C) c (D) d

111. Select the missing number from the given series. 5, 9, 17, ?, 45, 65

- (A) 28 (B) 29
(C) 27 (D) 26

112. Choose the figure which is different from other



- (A) 1 (B) 2
(C) 3 (D) 4

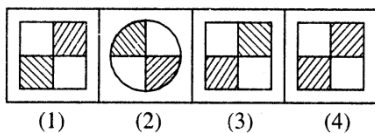
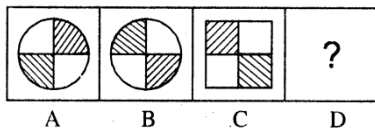
113. In a row of 40 students, A is 13th from left end(D) What is his place from the right end?

- (A) 27 (B) 28
(C) 29 (D) 30

114. Select the odd letters from the given alternatives:

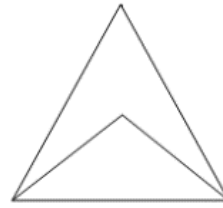
- (A) CE (B) HJ
(C) RT (D) OM

115. Select the figure from the answer set that would come in the place of question mark



- (A) 1 (B) 2
(C) 3 (D) 4

116. How many triangles are there in the given figure?



- (A) 3 (B) 4
(C) 5 (D) 6

117. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

L_NO_ML_MNO_NML

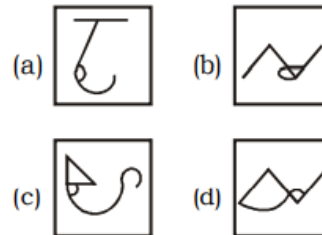
- (A) MNLO (B) ONML
(C) NLMO (D) LOMN

118. From the given answer figures. Select the one in which the question figure is hidden/embedded in the same direction.

Question figure:



Answer figures:



119. In a certain code language, "FUN" is written as "40" and "AND" is written as "18". How is "MAD" written in that code language?

- (A) 17 (B) 16
(C) 18 (D) 9

120. In a certain code language, "MIND" is written as "PLQG". How is "LAKE" written in that code language?

- (A) ODNH (B) ODMH
(C) NDMG (D) OCNH

121. Uma walks 19 km towards north. She turns right and walks another 19 km. She turns right and walks another 19 km. In which direction is she from her starting point?



- (A) West
- (C) South

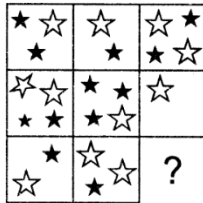
- (B) North
- (D) East

- (D) Brother -in- law

122. Select the related letters from the given alternatives. AB : ZY :: MN : ?

- (A) ML
- (B) OP
- (C) NM
- (D) XW

123. Which square should replace the question mark



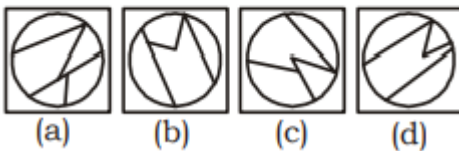
- A.
- B.
- C.
- D.

124. In this question, among the four answer figures, which figure can be formed from the cut pieces given below in the question figure.

Question Figure:



Answer Figures:



125. E is the son of A, D is the son of (B) E is married to (C) C is B's daughter. How is D related to E ?

- (A) Brother
- (B) Uncle
- (C) father-in- law

Admission Helpline No:8586858986

 DIVYA MA'AM DOON SAINIK SCHOOL

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AISSEE-MOCK TEST-2024 (ONLY FOR DCC ARMY-2)

1-A	16-D	31-D	46-C	61-C	76-B	91-A	106-B	121-D
2-B	17-C	32-A	47-C	62-A	77-C	92-C	107-A	122-C
3-B	18-B	33-B	48-A	63-B	78-A	93-A	108-B	123-D
4-D	19-C	34-C	49-A	64-A	79-D	94-A	109-B	124-C
5-C	20-A	35-D	50-D	65-A	80-C	95-B	110-B	125-D
6-B	21-C	36-C	51-C	66-A	81-C	96-D	111-B	
7-A	22-C	37-C	52-C	67-C	82-D	97-C	112-D	
8-A	23-B	38-A	53-A	68-C	83-C	98-C	113-B	
9-B	24-B	39-A	54-D	69-C	84-B	99-C	114-D	
10-C	25-C	40-A	55-C	70-C	85-C	100-A	115-A	
11-D	26-C	41-D	56-C	71-C	86-A	101-B	116-B	
12-C	27-A	42-B	57-A	72-A	87-A	102-B	117-A	
13-B	28-C	43-B	58-A	73-B	88-A	103-D	118-D	
14-B	29-D	44-C	59-C	74-C	89-A	104-D	119-A	
15-D	30-A	45-D	60-A	75-C	90-C	105-D	120-A	

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