

**GOVERNMENT OF MIZORAM
ACCOUNTS & TREASURIES
DEPARTMENT**

**COMPETITIVE EXAMINATION FOR RECRUITMENT TO
THE POST OF DESPATCH RIDER
(JULY-2026)**

**PAPER-II
(SIMPLE ARITHMETIC, GENERAL INTELLIGENCE &
REASONING)**

Full Marks : 200
Time Allowed : 3 Hours

Signature of Invigilator _____

CODE :

(For official use)

SUBJECT	MARK CARRIED BY EACH QUESTION / TOPIC	NO. OF CORRECT ANSWERS	MARKS OBTAINED
Simple Arithmetic	2		
General Intelligence & Reasoning	2		
TOTAL			

Signature of Examiner : _____

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All questions carry equal mark of 2 each. Attempt all questions.

Put a tick ($\checkmark$) mark against the correct answer in the space given in each question.

If a candidate gives more than one answer to one question, it will be treated as wrong answer even if one of the given answers happens to be correct.

SIMPLE ARITHMETIC - 100 MARKS

1. The least number which should be added to 2493 so that the sum is exactly divisible by 6 is:

- | | |
|--------------|-----|
| (a) 6 | () |
| (b) 3 | () |
| (c) 5 | () |
| (d) 7 | () |

2. If there are 72 students in a class and the number of boys is $\frac{3}{5}$ th of the number of girls, the number of girls in the class is:

- | | |
|---------------|-----|
| (a) 45 | () |
| (b) 27 | () |
| (c) 36 | () |
| (d) 28 | () |

3. $23.24 \div 4$ is:

- | | |
|-----------------|-----|
| (a) 5.56 | () |
| (b) 6.06 | () |
| (c) 6.82 | () |
| (d) 5.81 | () |

4. $1.2 + 1.5 \div 0.2 \times 3.0$ is:

- | | |
|-----------------|-----|
| (a) 23.7 | () |
| (b) 40.05 | () |
| (c) 26.1 | () |
| (d) 27 | () |

5. The additive inverse of $-\frac{8}{13}$ is:

- | | |
|--------------------------------------|-----|
| (a) $\frac{8}{13}$ | () |
| (b) $\frac{13}{8}$ | () |
| (c) $-\frac{13}{8}$ | () |
| (d) 0 | () |

6. What must be added to $\frac{2}{3}$ to get $\frac{4}{7}$?

(a) $\frac{2}{21}$ ()

(b) $-\frac{2}{21}$ ()

(c) $\frac{3}{14}$ ()

(d) $-\frac{3}{14}$ ()

7. Simplify: $\sqrt{25} + \sqrt{9} - \sqrt{16}$

(a) 6 ()

(b) 5 ()

(c) 4 ()

(d) 3 ()

8. Multiply $\frac{7}{13}$ by the reciprocal of $-\frac{3}{11}$

(a) $\frac{77}{39}$ ()

(b) $-\frac{77}{39}$ ()

(c) $\frac{39}{77}$ ()

(d) $-\frac{39}{77}$ ()

9. What should come in the place of?

$$2\frac{3}{5} \div 4\frac{7}{8} \times ? = 3\frac{1}{9}$$

(a) $3\frac{3}{8}$ ()

(b) $4\frac{1}{6}$ ()

(c) $3\frac{5}{8}$ ()

(d) $5\frac{5}{6}$ ()

10. The square root of $\sqrt{20.25}$ is:

- (a) 3.5 ()
- (b) 2.5 ()
- (c) 5.5 ()
- (d) 4.5** ()

11. How many factor does the number 84 have?

- (a) 13 ()
- (b) 10 ()
- (c) 12** ()
- (d) 11 ()

12. The least number by which 68600 must be multiplied to obtain a perfect cube is:

- (a) 7 ()
- (b) 3 ()
- (c) 5** ()
- (d) 2 ()

13. The marks obtained by students in a class on History subject is 72, 43, 54, 44 & 92. Find the average marks.

- (a) 76 ()
- (b) 61** ()
- (c) 75 ()
- (d) 63 ()

14. The sum of 10 numbers is 550. The average of the 10 numbers is:

- (a) 55** ()
- (b) 25 ()
- (c) 35 ()
- (d) 45 ()

15. The average of the first 10 whole number is:

- (a) 5.5 ()
- (b) 4.5** ()
- (c) 6.5 ()
- (d) 7.5 ()

16. A dress marked as ₹ 2500 is discounted and sold at ₹ 1700. The discount percent is:

- (a) 47% ()
- (b) 31% ()
- (c) 21% ()
- (d) 32%** ()

17. A cricket team won 10 out of all their matches and their win percentage was 40%. The total number of matches played by them is:

- (a) 20 matches ()
- (b) 35 matches ()
- (c) 25 matches** ()
- (d) 30 matches ()

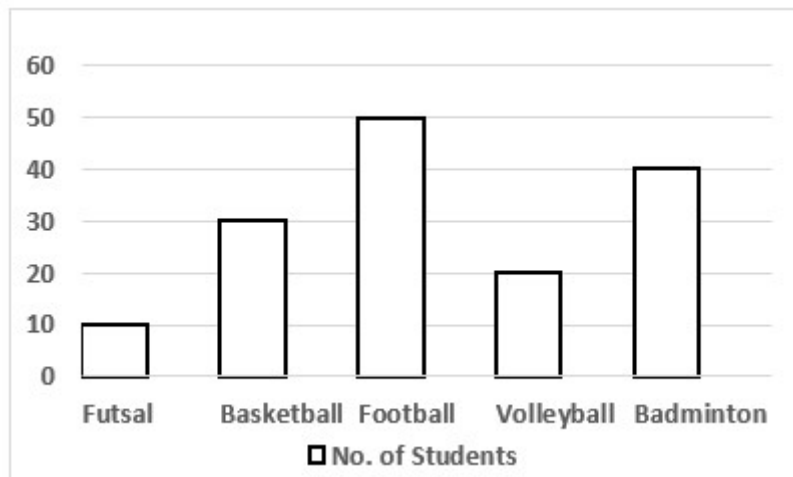
18. Paul earns ₹ 4648 after working 56 days in a factory. How much will he earn in 60 days?
- (a) ₹ 4338 ()
- (b) ₹ 6889 ()
- (c) ₹ 4980 ()
- (d) ₹ 6468 ()
19. Simon attended school for 216 days. His attendance is 90%. How many days was he absent from school?
- (a) 12 days ()
- (b) 24 days ()
- (c) 36 days ()
- (d) 6 days ()
20. The cost price of a book is ₹ 750 and the seller makes a profit of 20%. What is the selling price?
- (a) ₹ 900 ()
- (b) ₹ 950 ()
- (c) ₹ 800 ()
- (d) ₹ 850 ()
21. A computer was sold at a price $\frac{3}{5}$ times its cost. The loss percent is:
- (a) 30% ()
- (b) 40% ()
- (c) 45% ()
- (d) 35% ()
22. On selling a table for ₹ 2400, a man gains 20%. The cost price of the table is:
- (a) ₹ 2000 ()
- (b) ₹ 1800 ()
- (c) ₹ 2200 ()
- (d) ₹ 1900 ()
23. If an electric pole of 14 m casts a shadow of 10 m, the height of a tree that casts a shadow of 15 m under similar conditions is:
- (a) 19 m ()
- (b) 21 m ()
- (c) 25 m ()
- (d) 19.5 m ()
24. If 35 apples cost ₹ 25, how many apples can be bought for ₹ 35?
- (a) 49 apples ()
- (b) 59 apples ()
- (c) 45 apples ()
- (d) 55 apples ()

25. Lily invested ₹ 9,000 for 12 months and Rose invested ₹ 6,000 for 6 months. If the total profit of the business is ₹ 18,000, how much will Lily receive?
- (a) ₹ 9,000 ()
- (b) ₹ 13,500** ()
- (c) ₹ 12,000 ()
- (d) ₹ 11,500 ()
26. Puia invested ₹ 76,000 in a business. After a few months, Sangi joined Puia and invests ₹ 57,000. At the end of the year, both of them share profits at the ratio 2 : 1. After how many months did Sangi join Puia?
- (a) 5 months ()
- (b) 3 months ()
- (c) 6 months ()
- (d) 4 months** ()
27. 18 women finish working on a project by working for 7 hours in a day 24 days. If 14 women work for 8 hours in a day, in how many days will they finish the same project?
- (a) 27 days** ()
- (b) 26 days ()
- (c) 25 days ()
- (d) 28 days ()
28. Zuali can do a piece of work in 5 days and Mawia can do that same work in 8 days. How long will they take to finish the work together?
- (a) $4\frac{1}{8}$ ()
- (b) $3\frac{1}{13}$** ()
- (c) $7\frac{2}{11}$ ()
- (d) $4\frac{4}{5}$ ()
29. A pipe can fill a tanky in 9 hours. However, a leak at the button makes it 10 hours. How long will the leak take to empty the tanky?
- (a) 60 hours ()
- (b) 80 hours ()
- (c) 90 hours** ()
- (d) 110 hours ()
30. A car travels at 120 km in 4 hours. What distance will it travel in 3 hours?
- (a) 90 km** ()
- (b) 100 km ()
- (c) 110 km ()
- (d) 95 km ()

31. A train moving at uniform speed crosses a 100m long platform in 15 seconds and another 300m long platform in 20 seconds. Calculate the length of the train.
- (a) 550 m ()
(b) 450 m ()
(c) **500 m** ()
(d) 400 m ()
32. A car travels 120 km in 2 hrs and then another 180 km in 3 hrs. What is the average speed of the car?
- (a) **60 km/hr** ()
(b) 45 km/hr ()
(c) 90 km/hr ()
(d) 120 km/ hr ()
33. Simple interest on a certain sum of money is ₹ 2547 at 4% p.a. in 3 years. Sum of money is:
- (a) ₹ 45,225 ()
(b) ₹ 34,225 ()
(c) ₹ 13,225 ()
(d) **₹ 21,225** ()
34. A scooty was bought at ₹ 1,23,000. Its value depreciated at the rate of 8% per annum. Find its value after one year.
- (a) ₹ 1,04,180 ()
(b) **₹ 1,13,160** ()
(c) ₹ 1,14,000 ()
(d) ₹ 98,400 ()
35. The compound interest on a sum of ₹ 1000 in 3 years is ₹ 728. Find the rate of interest.
- (a) 17% ()
(b) 18% ()
(c) 19% ()
(d) **20%** ()
36. The areas of a rectangle and square are equal. If the length of the rectangle is 16 cm and breadth is 9 cm, find the side of the square.
- (a) 13 cm ()
(b) **12 cm** ()
(c) 15 cm ()
(d) 16 cm ()
37. The area of a rectangle whose length is 12 m and breadth is 8 m is:
- (a) 112 m² ()
(b) 68 m² ()
(c) 82 m² ()
(d) **96 m²** ()
38. How many bricks each 25cm × 15cm × 8cm are required for a wall 32m × 3m × 40cm?
- (a) **12,800** ()
(b) 14,600 ()
(c) 11,200 ()
(d) 13,400 ()

39. The volume of a cube whose total surface area is 486 cm^2 is:
- (a) 748 cm^3 ()
(b) 794 cm^3 ()
(c) **729 cm^3** ()
(d) 784 cm^3 ()
40. A girl has 4 shirts (Red, Blue, White & Black) and 2 pairs of trousers (Jeans & Shorts). In how many ways can she dress up?
- (a) 7 ways ()
(b) **8 ways** ()
(c) 9 ways ()
(d) 10 ways ()
41. In how many ways can 5 books be arranged on a shelf?
- (a) **120 ways** ()
(b) 110 ways ()
(c) 135 ways ()
(d) 150 ways. ()

Direction (Question Nos. 42-44) : The bar graph shows the number of students in a class of a Sports coaching Academy.



42. How many students are in the class?
- (a) 160 students ()
(b) 120 students ()
(c) **150 students** ()
(d) 140 students ()
43. How many students do not play Futsal and Football?
- (a) **90 students** ()
(b) 60 students ()
(c) 100 students ()
(d) 80 students ()

44. Find the percentage of students who play badminton.

- (a) 33.34 % ()
- (b) 44.45 % ()
- (c) **26.67 %** ()
- (d) 20 % ()

Direction (Question Nos. 45-47) : The following table gives the population of 4 villages in a District. The total population is 14500.

Village	Population in percentage
A	20%
B	25%
C	32%
D	23%

45. The total population of village A is:

- (a) 4550 ()
- (b) **2900** ()
- (c) 3200 ()
- (d) 3450 ()

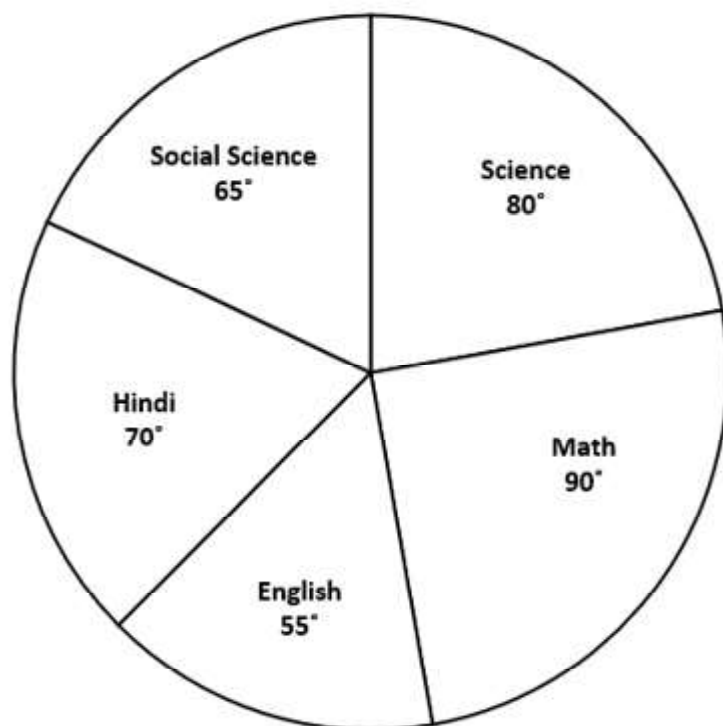
46. Difference between population of C & D is:

- (a) 4640 ()
- (b) **1305** ()
- (c) 2490 ()
- (d) 3350 ()

47. Sum of population of A, B & C is:

- (a) 10,875 ()
- (b) 12,950 ()
- (c) 10,857 ()
- (d) **11,165** ()

Direction (Question Nos. 48-50) : The following pie chart shows the marks obtained by a student in an examination in different subjects. The total marks obtained by the students is 540.



48. In which subject did the student score 105 marks?

- (a) English ()
- (b) Hindi** ()
- (c) Science ()
- (d) Maths ()

49. How many more marks were obtained in Math in comparison to Hindi?

- (a) 20 ()
- (b) 25 ()
- (c) 30** ()
- (d) 35 ()

50. What is the sum of marks obtained in Social Science & Maths?

- (a) 232.5** ()
- (b) 202.5 ()
- (c) 180.5 ()
- (d) 167.5 ()

GENERAL INTELLIGENCE & REASONING - 100 MARKS

51. Book : Library :: Flower : ?

- (a) **Garden** ()
- (b) Leaf ()
- (c) Petal ()
- (d) Bouquet ()

52. Doctor : Hospital :: Teacher : ?

- (a) Office ()
- (b) Library ()
- (c) **School** ()
- (d) Laboratory ()

53. Algebra : Maths :: Optics : ?

- (a) Biology ()
- (b) **Physics** ()
- (c) Geography ()
- (d) Electronics ()

54. 6, 24, 60, ?, 210, 336

- (a) 108 ()
- (b) **120** ()
- (c) 182 ()
- (d) 140 ()

55. 5:7 :: 15 : ?

- (a) 35 ()
- (b) 24 ()
- (c) **21** ()
- (d) 37 ()

56. Find the value of x: 4096, 1024, 256, x, 16, 4.

- (a) 52 ()
- (b) 48 ()
- (c) 28 ()
- (d) **64** ()

57. In the following sequence, how many 2's are there which is immediately preceded by 1 and followed by 7?

1 2 1 2 7 3 4 2 1 2 7 1 7 2 1 7

- (a) 3 ()
- (b) **2** ()
- (c) 1 ()
- (d) 0 ()

58. How many 1's are there in the sequence below which immediately follows 2 and is followed by a prime number less than 9?

4 2 1 7 3 4 1 2 1 2 9 8 3 2 2 1 8

- (a) 0 ()
 (b) 1 ()
 (c) **2** ()
 (d) 3 ()

Direction (Question Nos. 59&60) : Study the following sequence carefully and answer the following question.

L 5 \$ 9 N * S E # @ β U 6 % @ F © V & 8 A Z 7 K 4 W M 3 C 2

59. Which of the above is 5th to the left of the sixteenth from the left end?

- (a) A ()
 (b) 8 ()
 (c) U ()
 (d) **β** ()

60. How many alphabetical letters are there which is immediately preceded by a symbol and also followed by a symbol?

- (a) None ()
 (b) **Two** ()
 (c) Three ()
 (d) One ()

61. In code language, if POSE is coded as O Q N P R T D F, then TYPE will be coded as:

- (a) SUXZOQFD ()
 (b) SUXZQOFD ()
 (c) SUXZQODE ()
 (d) **SUXZOQDF** ()

62. If APPLE is coded as ZKKOV, then GRAPE is coded as:

- (a) MLIJV ()
 (b) PHHOY ()
 (c) **TIZKV** ()
 (d) XIJMD ()

63. If STAR is written as 1920118, then MOON is written as:

- (a) 12151624 ()
 (b) **13151514** ()
 (c) 14131315 ()
 (d) 25151413 ()

Direction (Question Nos. 64&65) : Logically arrange the following.

64. 1. Poverty 2. Population 3. Death 4. Unemployment 5. Disease

- (a) **2,4,1,5,3** ()
- (b) 2,1,5,4,3 ()
- (c) 3,4,5,2,1 ()
- (d) 1,2,4,5,3 ()

65. 1. Key 2. Door 3. Lock 4. Room 5. Switch on

- (a) **1,3,2,4,5** ()
- (b) 1,2,3,5,4 ()
- (c) 1,2,4,5,3 ()
- (d) 1,3,4,5,2 ()

66. Puii sits 5th from the left and 7th from the right. How many people are seated?

- (a) 10 ()
- (b) **11** ()
- (c) 12 ()
- (d) 13 ()

67. Mawii is ranked 25th from the bottom and 5th from the top in class. How many students are in class?

- (a) 26 ()
- (b) 27 ()
- (c) 28 ()
- (d) **29** ()

68. Select the option that represents the correct order of the given words as they would appear in an English Dictionary:

1. Rubric 2. Ruminare 3. Rose 4. Reader 5. Reap

- (a) **4,5,3,1,2** ()
- (b) 4,5,1,3,2 ()
- (c) 4,5,3,2,1 ()
- (d) 4,3,5,1,2 ()

69. If '#' = '-' ; '&' = '÷' ; '@' = '×' and '\$' = '+', the find 15 @ 2 \$ 900 & 30 # 10.

- (a) 21 ()
- (b) 210 ()
- (c) **50** ()
- (d) 110 ()

70. Siarni has an equal number of ten, twenty, fifty and two hundred rupee bank notes. If she has ₹ 2240 in total, how many bank notes does she have?

- (a) 8 ()
- (b) 16 ()
- (c) 24 ()
- (d) **32** ()

71. Peter is the husband of Eden who is the sister-in-law of Judith. Judith is the daughter of Thomas and Ramah. Eden is the daughter-in-law of Ramah. How is Peter related to Ramah?
- (a) Father ()
(b) **Son** ()
(c) Uncle ()
(d) Brother ()
72. Pointing to a photograph of a boy, Thanga said, "He is the son of the only son of my mother.". How is the boy related to Thanga?
- (a) Himself ()
(b) Brother ()
(c) Father ()
(d) **Son** ()
73. Which will follow the sequence: Asia, Africa, Australia, America
- (a) Azerbaijan ()
(b) **Antarctica** ()
(c) Pacific ()
(d) Argentina ()

Direction (Question Nos. 74&75) : *In a class of 4 students, C is taller than only one student, D is taller than C but shorter than A. A is taller than B and B is shorter than D.*

74. Who is the shortest?
- (a) A ()
(b) **B** ()
(c) C ()
(d) D ()
75. Who is the tallest?
- (a) **A** ()
(b) B ()
(c) C ()
(d) D ()
76. The number of diagonals of a hexagon are:
- (a) 6 ()
(b) **9** ()
(c) 12 ()
(d) 14 ()
77. If a square is rotated 90° around its centre, then its shape is:
- (a) Rectangle ()
(b) **Square** ()
(c) Rhombus ()
(d) Pentagon ()

78. How many triangles are there in a square with both diagonals drawn?
(a) 4 triangles ()
(b) 6 triangle ()
(c) **8 triangles** ()
(d) 10 triangles ()
79. If the letter of the word ALPHABET are arranged in alphabetical order, how many letters will remain in the same position?
(a) 1 ()
(b) **2** ()
(c) 3 ()
(d) 4 ()
80. Which of the following words cannot be formed using the letters of the word DEPARTMENT?
(a) MADE ()
(b) TEAM ()
(c) PART ()
(d) **MEAL** ()
81. Each letter in the word PROACTIVE was replaced by a previous letter in the English alphabet. How many vowels will be in the new arrangement?
(a) One ()
(b) **Two** ()
(c) Three ()
(d) Four ()
82. A clock shows 7:35, what is its mirror image?
(a) 1: 15 ()
(b) 2: 15 ()
(c) **4 : 25** ()
(d) 3 : 25 ()
83. If the day before yesterday was Wednesday, what day will it be after tomorrow?
(a) Saturday ()
(b) **Sunday** ()
(c) Monday ()
(d) Friday ()
84. Today is Monday, after 65 days, it will be:
(a) Friday ()
(b) Tuesday ()
(c) Thursday ()
(d) **Wednesday** ()
85. If 'Red letter day' is coded as 'pa li mo' and 'Blue paper day' is coded as 'nu li ka', what is ' Red and Blue' coded as?
(a) pa nu mo ()
(b) no ko pa ()
(c) nu ka pa ()
(d) **pa ko nu** ()

Direction (Question Nos. 86&87) : The coding for “sky is blue” is written as “pa ni lo”, “blue and green” is written as “lo ti sa” and “sky and cloud” is written as “pa sa ri”.

86. What is the code for sky?

- (a) **pa** ()
- (b) sa ()
- (c) lo ()
- (d) ni ()

87. Which word is coded as “sa”?

- (a) sky ()
- (b) **and** ()
- (c) cloud ()
- (d) green ()

Direction (Question Nos. 88-90) : In each question below are given some statements followed by some conclusions. The given statements are to be taken as true even if there are variance with commonly know facts. All conclusions are to be read carefully and decision is to be made as to whether the conclusions follow the given statements.

88. Statements:

Some clips are copies
Some copies are magazines
No magazine is dictionary

Conclusion:

I. No copies are dictionary
II. Some copies are dictionary

- (a) Only I follows ()
- (b) Only II follows ()
- (c) **Either I or II follows** ()
- (d) Both I & II follow ()

89. Statements:

Some Roses are Lilies
All lilies are Tulips

Conclusion:

I. At least some Roses are Tulips
II. At least some Tulips are Lilies

- (a) Only I follows ()
- (b) Only II follows ()
- (c) Neither I nor II follow ()
- (d) **Both I & II follow** ()

90. Statements:

Some actors are singers

All singers are dancers

Conclusion:

I. Some actors are dancers

II. No singer is as actor

- (a) **Only I follows** ()
(b) Only II follows ()
(c) Neither I nor II follow ()
(d) Both I & II follow ()

91. In the evening at 4pm, Muani and Remi are sitting in a garden facing each other. If Remi's shadow falls behind her, which direction is Muani facing?

- (a) North ()
(b) South ()
(c) **East** ()
(d) West ()

92. Andrew drives 16 km North, turns right and walks 8 km, then turns right again and moves 16 km. How far is he from his start?

- (a) 16 km ()
(b) **8 km** ()
(c) 24 km ()
(d) 0 km ()

93. Find the odd group of numbers:

- i. 4 – 20 – 10
ii. 5 – 25 – 15
iii. 6 – 30 – 25
iv. 8 – 40 – 30

- (a) 4 – 20 – 10 ()
(b) 5 – 25 – 15 ()
(c) **6 – 30 – 25** ()
(d) 8 – 40 – 30 ()

94. Find the odd one out.

FIRE LIGHT GAS WATER

- (a) FIRE ()
(b) LIGHT ()
(c) GAS ()
(d) **WATER** ()

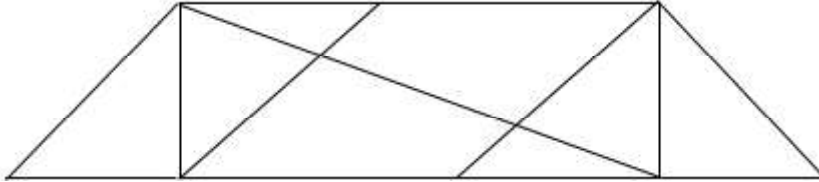
95. The sum of ages of Esther, Deborah and Hannah is 80 years. What was the sum of their ages three years ago?

- (a) **71 years** ()
(b) 72 years ()
(c) 74 years ()
(d) 77 years ()

96. A man is 24 years older than his son. In two years, his age will be twice the age of his son. What is the son's present age?

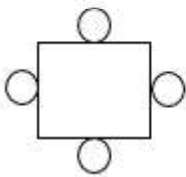
- (a) 20 years ()
(b) 22 years ()
 (c) 24 years ()
 (d) 26 years ()

97. Find the number of triangles in the following figure:

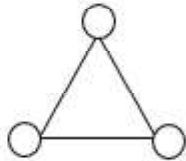


- (a) 11 ()
 (b) 12 ()
 (c) 13 ()
(d) 14 ()

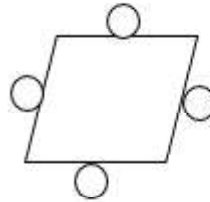
98. Find the odd one out.



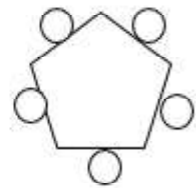
(A)



(B)



(C)



(D)

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

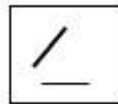
99. Find the odd one out.



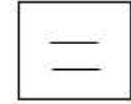
(A)



(B)



(C)

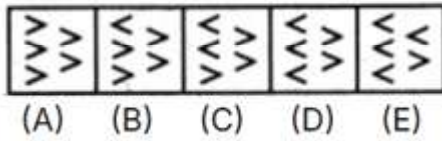


(D)

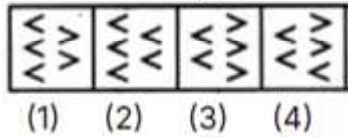
- (a) Figure (A) ()
 (b) Figure (B) ()
(c) Figure (C) ()
 (d) Figure (D) ()

100. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem figures



Answer figures



- (a) Figure (1) ()
(b) **Figure (2)** ()
(c) Figure (3) ()
(d) Figure (4) ()
