

GOVERNMENT OF MIZORAM
DEPARTMENT OF HIGHER & TECHNICAL
EDUCATION

COMPETITIVE EXAMINATION FOR RECRUITMENT TO
THE POST OF DESPATCH RIDER UNDER MIZORAM
STATE UNIVERSITY (MZSU)
(JULY-2026)

PAPER-II

(SIMPLE ARITHMETIC & GEN. INTEL & 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		
Gen. Intelligence & Reasoning	2		
TOTAL			

Signature of Examiner : _____

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All questions carry 2 marks.

Put a tick (✓) 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. What is the place value of 7 in the number 4,725?

- (a) 7 ()
- (b) 70 ()
- (c) 700 ()
- (d) 7,000 ()

2. Which of the following is an even number?

- (a) 135 ()
- (b) 247 ()
- (c) 468 ()
- (d) 579 ()

3. Solve: $15 + 25 - 10$

- (a) 20 ()
- (b) 30 ()
- (c) 40 ()
- (d) 50 ()

4. A Despatch Rider rides 45 km in the morning and 38 km in the afternoon. What is the total distance covered?

- (a) 73 km ()
- (b) 83 km ()
- (c) 85 km ()
- (d) 93 km ()

5. What is the value of $8 \times 0 \times 5$?

- (a) 40 ()
- (b) 8 ()
- (c) 5 ()
- (d) 0 ()

6. Reduce the fraction $\frac{15}{20}$ to its lowest terms.

(a) $\frac{1}{2}$ ()

(b) $\frac{3}{4}$ ()

(c) $\frac{2}{3}$ ()

(d) $\frac{4}{5}$ ()

7. Convert 0.75 into a fraction.

(a) $\frac{1}{4}$ ()

(b) $\frac{1}{2}$ ()

(c) $\frac{3}{4}$ ()

(d) $\frac{4}{5}$ ()

8. What is 10% of 500?

(a) 5 ()

(b) 50 ()

(c) 10 ()

(d) 100 ()

9. If a motorcycle covers 50 km on 1 litre of petrol, how many kilometres will it cover on 5 litres?

(a) 150 km ()

(b) 200 km ()

(c) 250 km ()

(d) 300 km ()

10. Find the average of 10, 20, 30, and 40.

(a) 20 ()

(b) 25 ()

(c) 30 ()

(d) 35 ()

11. Solve: $120 \div (4 + 2)$

(a) 34 ()

(b) 20 ()

(c) 24 ()

(d) 15 ()

12. Which is the largest fraction among $\frac{1}{5}$, $\frac{3}{5}$, $\frac{2}{5}$, and $\frac{4}{5}$?

(a) $\frac{1}{5}$ ()

(b) $\frac{2}{5}$ ()

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

(d) $\frac{4}{5}$ ()

13. What is the square of 9?

(a) 18 ()

(b) 72 ()

(c) 81 ()

(d) 99 ()

14. Find the value of $\sqrt{64}$.

(a) 6 ()

(b) 7 ()

(c) 8 ()

(d) 9 ()

15. If the cost of 6 pens is ₹ 90, what is the cost of 1 pen?

(a) ₹ 12 ()

(b) ₹ 15 ()

(c) ₹ 18 ()

(d) ₹ 20 ()

16. Add: $2.5 + 3.75$

(a) 5.25 ()

(b) 6.00 ()

(c) 6.25 ()

(d) 6.50 ()

17. Subtract: $10 - 4.2$

(a) 5.8 ()

(b) 6.2 ()

(c) 6.8 ()

(d) 5.2 ()

18. What is the Least Common Multiple (LCM) of 4 and 6?

(a) 2 ()

(b) 12 ()

(c) 24 ()

(d) 18 ()

19. What is the Highest Common Factor (HCF) of 12 and 18?
- (a) 2 ()
(b) 3 ()
(c) 6 ()
(d) 9 ()
20. Write 4,506 in words.
- (a) Four thousand fifty-six ()
(b) Four thousand five hundred six ()
(c) Forty-five hundred and six ()
(d) Four thousand five and sixty ()
21. A watch costs ₹ 1,200. It is sold at a profit of ₹150. What is the selling price?
- (a) ₹ 1,050 ()
(b) ₹ 1,250 ()
(c) ₹ 1,350 ()
(d) ₹ 1,400 ()
22. If a driver starts a journey at 09:30 AM and finishes at 01:15 PM, how long did the journey take?
- (a) 3 hours 15 minutes ()
(b) 3 hours 45 minutes ()
(c) 4 hours 15 minutes ()
(d) 4 hours 45 minutes ()
23. Convert 3.5 kilometres into metres.
- (a) 350 m ()
(b) 3,500 m ()
(c) 35,000 m ()
(d) 35 m ()
24. How many minutes are there in 2.5 hours?
- (a) 120 minutes ()
(b) 130 minutes ()
(c) 150 minutes ()
(d) 180 minutes ()
25. Find the missing number in the sequence: 2, 5, 8, 11, ____
- (a) 13 ()
(b) 14 ()
(c) 15 ()
(d) 16 ()
26. If a box contains 12 packets of letters, how many packets are there in 15 such boxes?
- (a) 160 ()
(b) 170 ()
(c) 180 ()
(d) 190 ()

27. Express $\frac{2}{5}$ as a percentage.

- (a) 20% ()
- (b) 40% ()
- (c) 50% ()
- (d) 60% ()

28. Solve: $\frac{3}{7} + \frac{2}{7}$

- (a) $\frac{5}{14}$ ()
- (b) $\frac{5}{7}$ ()
- (c) $\frac{1}{7}$ ()
- (d) $\frac{6}{7}$ ()

29. What is the perimeter of a square whose side is 8 cm?

- (a) 16 cm ()
- (b) 24 cm ()
- (c) 32 cm ()
- (d) 64 cm ()

30. Find the area of a rectangle with length 10 cm and breadth 6 cm.

- (a) 16 sq cm ()
- (b) 32 sq cm ()
- (c) 60 sq cm ()
- (d) 70 sq cm ()

31. If $x + 15 = 40$, what is the value of x ?

- (a) 15 ()
- (b) 20 ()
- (c) 25 ()
- (d) 35 ()

32. Divide ₹ 1,000 equally among 8 people. How much does each person get?

- (a) ₹ 120 ()
- (b) ₹ 125 ()
- (c) ₹ 130 ()
- (d) ₹ 150 ()

33. A vehicle consumes 12 litres of fuel to travel 120 km. What is its mileage (km per litre)?

- (a) 8 km/l ()
- (b) 10 km/l ()
- (c) 12 km/l ()
- (d) 15 km/l ()

34. Convert 4500 grams into kilograms.

- (a) 45 kg ()
- (b) 4.5 kg ()
- (c) 0.45 kg ()
- (d) 450 kg ()

35. Which of the following is a prime number?

- (a) 4 ()
- (b) 9 ()
- (c) 11 ()
- (d) 15 ()

36. The price of an item is ₹ 500. A discount of 20% is given. What is the discount amount?

- (a) ₹ 50 ()
- (b) ₹ 100 ()
- (c) ₹ 150 ()
- (d) ₹ 200 ()

37. What is the sum of the first three prime numbers?

- (a) 10 ()
- (b) 8 ()
- (c) 11 ()
- (d) 9 ()

38. Solve: 0.5×10

- (a) 0.05 ()
- (b) 0.5 ()
- (c) 5 ()
- (d) 50 ()

39. Subtract: $\frac{5}{9} - \frac{2}{9}$

- (a) $\frac{7}{9}$ ()
- (b) $\frac{1}{3}$ ()
- (c) $\frac{1}{9}$ ()
- (d) $\frac{2}{3}$ ()

40. The cost price of a bicycle is ₹ 3,500 and its selling price is ₹ 3,200. Find the loss.

- (a) ₹ 200 ()
- (b) ₹ 300 ()
- (c) ₹ 400 ()
- (d) ₹ 500 ()

41. Round off 384 to the nearest tens.

- (a) 380 ()
- (b) 390 ()
- (c) 400 ()
- (d) 350 ()

42. Find the value of 3^3 .

- (a) 9 ()
- (b) 18 ()
- (c) 27 ()
- (d) 81 ()

43. How many millilitres make up 2 litres?

- (a) 200 ml ()
- (b) 2,000 ml ()
- (c) 20,000 ml ()
- (d) 20 ml ()

44. What is the cube root of 8?

- (a) 2 ()
- (b) 3 ()
- (c) 4 ()
- (d) 8 ()

45. Solve: $14 + 6 \times 2$

- (a) 40 ()
- (b) 26 ()
- (c) 34 ()
- (d) 28 ()

46. Express 45 minutes as a fraction of an hour.

- (a) $\frac{1}{2}$ ()
- (b) $\frac{1}{4}$ ()
- (c) $\frac{3}{4}$ ()
- (d) $\frac{2}{3}$ ()

47. The ratio of two numbers is 3:5. If their Least Common Multiple (LCM) is 75, what is the value of the smaller number?

- (a) 15 ()
- (b) 25 ()
- (c) 9 ()
- (d) 45 ()

48. If 12 men can complete a road repair project in 8 days, how many days will it take 6 men to complete the exact same work?
- (a) 4 days ()
(b) 12 days ()
(c) 16 days ()
(d) 24 days ()
49. If a sum of Rs. 2,000 earns a simple interest of Rs. 400 in 2 years, what is the annual rate of interest?
- (a) 5% ()
(b) 10% ()
(c) 12% ()
(d) 15% ()
50. An item purchased for Rs. 800 is sold at a profit of 25%. What is the selling price of the item?
- (a) Rs. 900 ()
(b) Rs. 950 ()
(c) Rs. 1,000 ()
(d) Rs. 1,050 ()

General Intelligence & Reasoning (100 Marks)

51. Car : Road :: Bicycle : ?
- (a) Water ()
(b) Track/Path ()
(c) Sky ()
(d) Air ()
52. Mechanic : Tools :: Driver : ?
- (a) Steering Wheel ()
(b) Book ()
(c) Medicine ()
(d) Pen ()
53. Choose the odd one out:
- (a) Helmet ()
(b) Gloves ()
(c) Jacket ()
(d) Mirror ()
54. Complete the series: 2, 4, 8, 16, ?
- (a) 20 ()
(b) 24 ()
(c) 32 ()
(d) 40 ()

55. Complete the series: A, C, E, G, ?

- (a) I ()
- (b) H ()
- (c) J ()
- (d) K ()

56. Complete the series: 10, 20, 40, 80, ?

- (a) 100 ()
- (b) 120 ()
- (c) 150 ()
- (d) 160 ()

57. If BIKE is coded as CJKF, how will CAR be coded?

- (a) DBS ()
- (b) BAS ()
- (c) DBR ()
- (d) BBQ ()

58. If RED is coded as 1, GREEN is coded as 2, and YELLOW is coded as 3, what is the code for another RED?

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

59. If GO is coded as 715, how will HE be coded?

- (a) 12 ()
- (b) 58 ()
- (c) 82 ()
- (d) 85 ()

60. If FUEL is written as LEUF, how will MAIL be written?

- (a) LIAM ()
- (b) LIMA ()
- (c) LAIM ()
- (d) ALIM ()

61. If 1 stands for A, 2 stands for B, 3 stands for C, what does 312 stand for?

- (a) ABC ()
- (b) BAC ()
- (c) CAB ()
- (d) CBA ()

62. A Despatch Rider starts from an office and rides 4 km North, then turns right and rides 3 km. How far is he from the starting point?

- (a) 7 km ()
- (b) 5 km ()
- (c) 1 km ()
- (d) 12 km ()

63. A rider travels 5 km South, then turns around and travels 8 km North. How far is he from his original starting point?
- (a) 3 km North ()
- (b) 3 km South ()
- (c) 13 km North ()
- (d) 5 km North ()
64. If North becomes East, then West will become:
- (a) North ()
- (b) South ()
- (c) East ()
- (d) South-West ()
65. In a line of 10 delivery bikes, Lala's bike is 4th from the front. What is its position from the back?
- (a) 6th ()
- (b) 7th ()
- (c) 5th ()
- (d) 8th ()
66. Bike A is faster than Bike B. Bike B is faster than Bike C. Which bike is the slowest?
- (a) Bike A ()
- (b) Bike B ()
- (c) Bike C ()
- (d) Cannot be determined ()
67. Sawma arrived at the office before Sanga. Sanga arrived before Mawia. Who arrived last?
- (a) Sawma ()
- (b) Sanga ()
- (c) Both Sawma and Mawia ()
- (d) Mawia ()
68. Arrange the following words in a logical order: 1. Start Engine, 2. Wear Helmet, 3. Put on Gear, 4. Move Forward.
- (a) 2, 1, 3, 4 ()
- (b) 1, 2, 3, 4 ()
- (c) 2, 3, 1, 4 ()
- (d) 4, 3, 2, 1 ()
69. Rama is taller than Thanga, but shorter than Buanga. Who is the tallest?
- (a) Rama ()
- (b) Thanga ()
- (c) Buanga ()
- (d) None ()
70. Five packets are stacked. Packet 1 is above Packet 2. Packet 3 is below Packet 2. Which packet is at the bottom?
- (a) Packet 1 ()
- (b) Packet 3 ()
- (c) Packet 2 ()
- (d) Cannot tell ()

71. Yesterday was Monday. What day will it be tomorrow?

- (a) Tuesday ()
- (b) Friday ()
- (c) Thursday ()
- (d) Wednesday ()

72. If a rider needs to deliver 3 separate letters to 3 houses on the same straight street numbered 5, 12, and 8, what is the most logical order to visit them to save fuel?

- (a) 5, 12, 8 ()
- (b) 5, 8, 12 ()
- (c) 12, 5, 8 ()
- (d) 8, 12, 5 ()

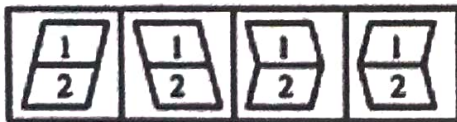
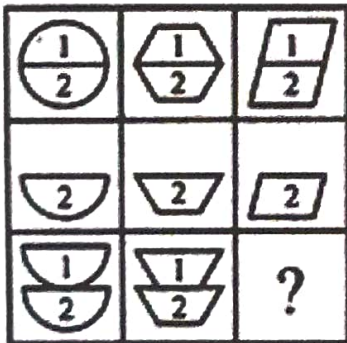
73. Find the missing entry: January (31 days), February (28/29 days), March (31 days), April (?):

- (a) 30 days ()
- (b) 31 days ()
- (c) 29 days ()
- (d) 28 days ()

74. Identify the logical pair: Heavy Rain : Slippery Road :: Dense Fog : ?

- (a) Clear Sky ()
- (b) Hot Air ()
- (c) High Speed ()
- (d) Low Visibility ()

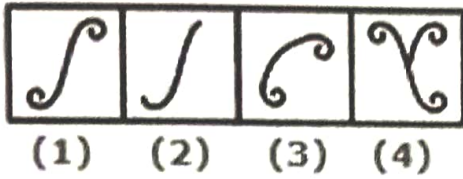
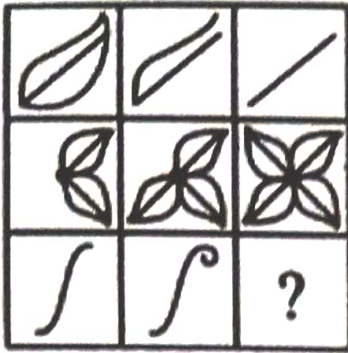
75. Select a suitable figure from the four alternatives that would complete the figure matrix.



(1) (2) (3) (4)

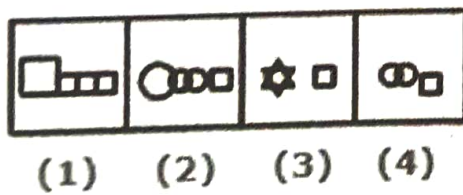
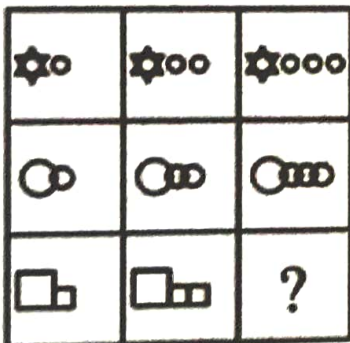
- (a) 1 ()
- (b) 2 ()
- (c) 3 ()
- (d) 4 ()

76. Select a suitable figure from the four alternatives that would complete the figure matrix.



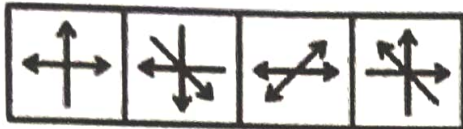
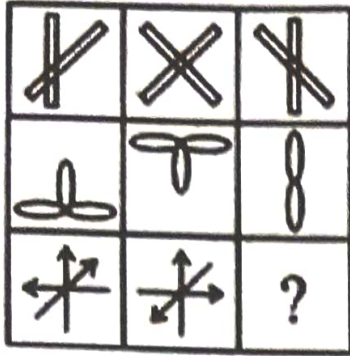
- (a) 1 ()
 (b) 2 ()
 (c) 3 ()
 (d) 4 ()

77. Select a suitable figure from the four alternatives that would complete the figure matrix.



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

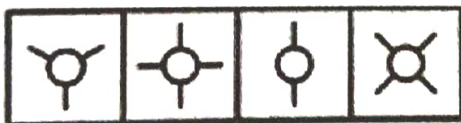
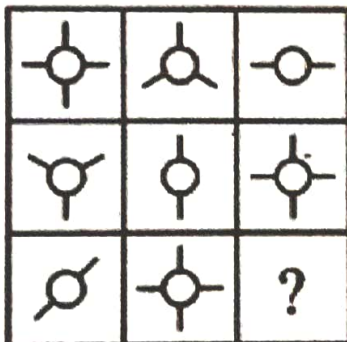
78. Select a suitable figure from the four alternatives that would complete the figure matrix.



(1) (2) (3) (4)

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

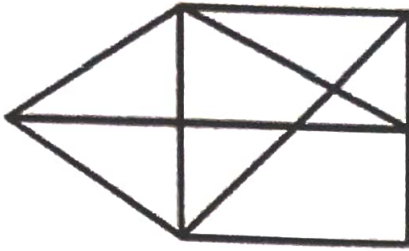
79. Select a suitable figure from the four alternatives that would complete the figure matrix



(1) (2) (3) (4)

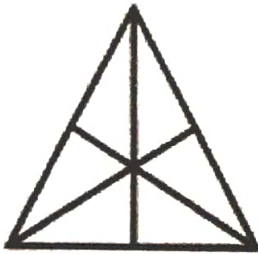
- (a) 1 ()
 (b) 2 ()
 (c) 3 ()
 (d) 4 ()

80. Find the number of triangles in the given figure.



- (a) 12 ()
 (b) 13 ()
 (c) 14 ()
 (d) 15 ()

81. Find the number of triangles in the given figure.



- (a) 16 ()
 (b) 13 ()
 (c) 9 ()
 (d) 7 ()

82. Choose the alternative which is closely resembles the mirror image of the given combination.

ANS43Q12

(1) AN24EQ12

(2) 21QEQ2NA

(3) 2NAEQ12

(4) 12QEQ2NA

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

83. Choose the alternative which is closely resembles the mirror image of the given combination.

MALAYALAM

(1) MALAYALAM

(2) MAJAYAJAM

(3) MALAYALAM

(4) MAGAYAGAM

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

84. Pointing to a photograph of a man, Siamia said, "He is the son of the only son of my grandfather."
How is Siamia related to that man?
- (a) Uncle ()
 - (b) Brother ()
 - (c) Cousin ()
 - (d) Father ()
85. If A is the brother of B, and B is the sister of C, how is C related to A?
- (a) Brother or Sister ()
 - (b) Mother ()
 - (c) Aunt ()
 - (d) Father ()
86. Five friends (P, Q, R, S and T) are sitting in a row facing North. S is between T and Q. Q is to the immediate left of R. P is at the extreme left. Who is sitting in the middle?
- (a) S ()
 - (b) T ()
 - (c) Q ()
 - (d) R ()
87. Four boys (A, B, C and D) are sitting on a bench facing South. A is next to B, and C is next to D. If D is not sitting with A, and A is on the extreme left, who is next to D?
- (a) B ()
 - (b) A ()
 - (c) C ()
 - (d) None of these ()
88. Read both statements and choose the correct option:
- Statement I* : Many students failed the final school exam.
- Statement II* : The school remained closed for three months during the term due to heavy snow.
- (a) Statement I is the cause and statement II is its effect. ()
 - (b) Statement II is the cause and statement I is its effect. ()
 - (c) Both statements are independent causes. ()
 - (d) Both statements are effects of independent causes. ()
89. Bike : Fuel :: Cycle : ?
- (a) Engine ()
 - (b) Pedals ()
 - (c) Human Energy ()
 - (d) Wheels ()
90. A motor vehicle always has:
- (a) A driver ()
 - (b) Wheels ()
 - (c) Fuel ()
 - (d) A music system ()

91. A school always has:

- (a) A playground ()
- (b) Students ()
- (c) A library ()
- (d) Benches ()

92. An atmosphere always contains:

- (a) Air ()
- (b) Clouds ()
- (c) Rain ()
- (d) Dust particles ()

93. Arrange the following words in a meaningful logical sequence:

- 1. Letter 2. Delivery
- 3. Postbox 4. Writing

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

94. Arrange the following words from smallest to largest geographical area:

- 1. District 2. Country
- 3. State 4. Village

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

95. Statements:

All cars are vehicles.

All vehicles are fast.

Conclusions: I. All cars are fast.

II. Some fast things are cars.

- (a) Only conclusion I follows ()
- (b) Only conclusion II follows ()
- (c) Neither conclusion I nor II follows ()
- (d) Both conclusions I and II follow ()

96. Statements:

All drivers are hard-working.

Rohan is a driver.

Conclusions: I. Rohan is hard-working.

II. All hard-working people are drivers.

- (a) Only conclusion I follows ()
- (b) Only conclusion II follows ()
- (c) Both conclusions I and II follow ()
- (d) Neither conclusion I nor II follows ()

97. Statements:

Some pens are blue.

All blue things are sharp.

Conclusions: I. Some pens are sharp.

II. No pen is sharp.

- (a) Neither follows ()
- (b) Only conclusion II follows ()
- (c) Both conclusions follow ()
- (d) Only conclusion I follows ()

98. What is the correct water image of the letter "E"?

- (a) Ξ ()
- (b) E ()
- (c) F ()
- (d) M ()

99. Choose the correct water image of the word "MOM":

- (a) WOW ()
- (b) MOM ()
- (c) WÖW ()
- (d) WÓW ()

100. Choose the word which is least like the other words in the group:

- (a) Bicycle ()
- (b) Motorcycle ()
- (c) Scooter ()
- (d) Car ()

* * * * *