GOVERNMENT OF MIZORAM
SOCIAL WELFARE & TRIBAL AFFAIRS
COMPETITIVE EXAMINATION FOR RECRUITMENT TO THE POST OF
LOWER DIVISION CLERK, 2023

PAPER – II

Time Allowed : 3 hrs.   **Full Marks : 200**

INSTRUCTIONS

1. This paper consists of one hundred (100) multiple-choice type of questions.

2. Immediately after the commencement of the examination, you should check that this question booklet does not have any unprinted or missing pages or items, etc. If so, get it replaced by a complete booklet from the invigilator.

3. Each question comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet.

4. You have to mark your responses ONLY on the separate OMR Answer Sheet provided. Read instructions given in the OMR sheet carefully.

5. All questions carry equal marks.

Directions (Questions : 1-50) : Mark your responses on the separate OMR Answer Sheet provided.

(50x2=100)

1. What least number must be added to 1057 to get a number exactly divisible by 23
   a) 1   b) 3
   c) 2   d) 4

2. The sum of the natural numbers which are divisible of 100 is
   a) 116   b) 117
   c) 21   d) 217

3. Find out the next term in the series
   7, 11, 13, 17, 19, ...
   a) 20   b) 23
   c) 25   d) 21

4. Find the missing term in the series
   125, 80, 45, ?, 5.
   a) 20   b) 15
   c) 25   d) 30

5. Find the LCM of 8, 15, 24 and 72
   a) 350   b) 360
   c) 720   d) 735

6. The LCM of two numbers is 48. The numbers are in the ratio of 2:3. Find the sum of the numbers.
   a) 28   b) 32
   c) 40   d) 64

7. Find the square root of 1024
   a) 26   b) 30
   c) 28   d) 32

8. What is the least number to be added to 8200 to make it a perfect square?
   a) 81   b) 100
   c) 264   d) 154

9. $57 - 1725/69 = 4 \times ?$
   a) 9   b) 11
   c) 8   d) 7

10. $5/9 \times (225.40 - 45.4) = ?$
    a) 15   b) 5
    c) 100   d) 10

11. The sum of three consecutive odd natural number is 87. Find the smallest number.
    a) 27   b) 25
    c) 26   d) 24

12. One-fourth of a number exceeds its one-seventh by 24. What is the number?
    a) 200   b) 224
    c) 234   d) 214

13. Find out the average of 308, 125, 45, 120 and 102.
    a) 140   b) 130
    c) 120   d) 150

14. What will be the average of numbers from 1 to 51?
    a) 24   b) 25
    c) 26   d) 27

15. 20% of 300= ?
    a) 60   b) 50
    c) 70   d) 40

16. If 30% of $a = 60$, find the value of a.
    a) 150   b) 250
    c) 100   d) 200

17. Find the SP, when CP is Rs. 80 and gain is 20%.
    a) 110   b) 90
    c) 96   d) 88

18. A person buys a toy for Rs. 50 and sells it for Rs. 75. What will be his gain percent?
    a) 40%   b) 30%
    c) 60%   d) 50%

19. Find the simple interest on Rs. 200 for 5 year at 6% per annum.
    a) 50   b) 60
    c) 70   d) 80

20. A sum at simple interest of 4% per annum amounts to Rs. 31200 in 5 year. Find the sum.
    a) 26000   b) 20000
    c) 24000   d) 25000

21. Find the compound interest on Rs. 8000 at 4% per annum for 2 year, compounded annually.
    a) 453.50   b) 234.60
    c) 657.36   d) 652.80

22. What will be the true discount for the present worth of Rs. 6000 for a period of 9 months at 12% per annum?
    a) 345   b) 450
    c) 540   d) 500

23. Find the 4th proportional to 3, 7 and 9.
    a) 21   b) 11
    c) 33   d) 17

24. What will be the mean proportional between 4 and 25?
    a) 10   b) 15
    c) 5   d) 20

25. Two numbers are in the ratio of 2:3. If 15 is added to both the numbers, then the ratio between two numbers becomes 11/14. Find the greater number.
    a) 27   b) 11
    c) 25   d) 9

26. A and B start a business by investing Rs. 4000 and Rs. 12000 respectively. Find the ratio of their profits after 1 year.
    a) 1:2   b) 1:3
    c) 1:4   d) 1:5

27. If the price of 8 bananas is Rs. 40, then find out the price of 12 bananas.
    a) 50   b) 60
    c) 40   d) 70

28. If the wages of 12 men for 30 days is Rs. 4200, find out the wages of 18 men for 24 days.
    a) 4030   b) 5040
    c) 4050   d) 5000

29. Kavi completes 1/13 part of a certain work in 1 day. In how many days will he complete the whole work?
    a) 13   b) 10
    c) 11   d) 9

30. A and B together can do a piece of work in 12 days and A alone can do it in 18 days. In how many days can B alone do it?
    a) 36   b) 30
    c) 28   d) 33

31. An outlet pipe can empty a cistern in 5 hour. In what time will the pipe empty 2/5 part of the cistern?
    a) 3hr   b) 4hr
    c) 5hr   d) 2hr

32. A bike crosses a bridge with a speed of 108 km/h. What will be the length of the bridge, if the bike takes 8 hour to cross the bridge?
    a) 834km   b) 820km
    c) 750km   d) 864km

33. Convert 72 km/h into m/s
    a) 10m/s   b) 15m/s
    c) 22m/s   d) 20m/s

34. What time will be taken by a boat to cover a distance of 64 km along the stream, if speed of boat in still water is 12 km/h and speed of stream is 4 km/h ?
    a) 3hr   b) 2hr
    c) 4hr   d) 5hr

35. In a race of 100 m, A gives B a start of 10 m. What distance will be covered by B?
   a) 80m   b) 85m
   c) 90m   d) 110m

36. How many days are there in *x* weeks *x* days?
   a) 5*x* days   b) 6*x* days
   c) 8*x* days   d) 7*x* days

37. Two natural numbers are in the ratio of 3:5 and their product is 2160. Find the smaller of the numbers.
   a) 36   b) 44
   c) 28   d) 33

38. There are 5 marbles in a bag. 3 of them are red and 2 of them are blue. What is the probability that a blue marble will be picked?
   a) 0.4   b) 1.5
   c) 1   d) 0.5

39. The area of a rectangular field is 400 sq.m. If the breadth of the field is 16m, find the length of the field.
   a) 20m   b) 30m
   c) 15m   d) 25m

40. If median=10, mode=8, then the value of mean is
   a) 11   b) 12
   c) 10   d) 9

41. The mean of 4 numbers is 28. If 2 is added to each of the number, the new mean is
   a) 25   b) 30
   c) 35   d) 20

42. 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 present age of his son?
   a) 20yrs   b) 18yrs
   c) 22yrs   d) 16yrs

43. Mother divided money among Ron, Sam, Maria in the ratio 2:3:5. If Maria got Rs. 150, find the total amount.
   a) 200   b) 250
   c) 320   d) 300

44. A retailer buys a radio for Rs. 225. His overhead expenses are Rs. 15. He sells the radio for Rs. 300. The profit percent is
   a) 20%   b) 30%
   c) 35%   d) 25%

45. Convert 12% into decimal
   a) 0.12   b) 1.05
   c) 0.02   d) 0.10

46. A train passes a telegraph pole in 12 seconds moving at a speed of 108 km/hr. Find the length of the train
   a) 350 m   b) 360 m
   c) 300 m   d) 340 m

47. If a number is multiplied by 18 and 12 is added to it, we get 120. Find the number.
   a) 3   b) 4
   c) 5   d) 6

48. The average of first five multiples of 3 is
   a) 3   b) 12
   c) 9   d) 15

49. The circumference of a circle having area 616 sq.cm is
   a) 88cm   b) 78cm
   c) 74cm   d) 82cm

50. In order to make Rs. 240 a week, the number of hours that a man making Rs. 8 per hour should work each week is
   a) 32hrs   b) 25hrs
   c) 28hrs   d) 30hrs