GOVERNMENT OF MIZORAM
EXCISE AND NARCOTICS DEPARTMENT
EXAMINATION FOR RECRUITMENT TO THE POST OF CONSTABLE - 2021

Roll No. _____   *Invigilator Signature*_____

Full Mark: 200 marks   **Time allowed: 3 hours**

PAPER – II

(All questions are multiple choice questions. Attempt all questions. Each question carries 2 marks)

Tick mark the correct answer inside the given box ☑ from the following:

(SIMPLE ARITHMETIC)

1. $0.02 \times 0.005 =$ _____:
    - ☐ (A) 0.00001
    - ☐ (B) 0.0001
    - ☐ (C) 0.001
    - ☐ (D) 0.01

2. Which of the following is equal to 3.14×10^6?
    - ☐ (A) 31400
    - ☐ (B) 3140000
    - ☐ (C) 3140
    - ☐ (D) 314

3. 4.036 divided by 0.04 gives:
    - ☐ (A) 1.009
    - ☐ (B) 10.09
    - ☐ (C) 100.9
    - ☐ (D) 0.109

4. The square of a number is 18 more than thrice the number. What is the number?
    - ☐ (A) 6
    - ☐ (B) 9
    - ☐ (C) 11
    - ☐ (D) 18

5. Simplify $85 - 20 \div 4 + 10$ of 2:
    - ☐ (A) 100
    - ☐ (B) 90
    - ☐ (C) 80
    - ☐ (D) 75

6. The product of an even number and an odd number is always _____.
    - ☐ (A) odd number
    - ☐ (B) even number
    - ☐ (C) prime number
    - ☐ (D) 100

7. Which of the following pairs of numbers is a co-prime number?
    - ☐ (A) 12 and 15
    - ☐ (B) 11 and 19
    - ☐ (C) 13 and 26
    - ☐ (D) 25 and 30

8. Find the greatest number which divides 34, 60 and 85, leaving remainders of 7, 6 and 4 respectively.

   ☐ (A) 24   ☐ (B) 25

   ☐ (C) 26   ☐ (D) 27

9. Find the lowest number that is divisible by 3, 4, 5, 6, 10 and 15.

   ☐ (A) 30   ☐ (B) 45

   ☐ (C) 25   ☐ (D) 15

10. Subtract – 30 from – 70, you get _____.

   ☐ (A) – 40   ☐ (B) – 100

   ☐ (C) 40   ☐ (D) 100

11. Find the number multiplied by 7 and then subtracted by 10 and becomes 130.

   ☐ (A) 40   ☐ (B) 140

   ☐ (C) 20   ☐ (D) 14

12. A man divides Rs. 84,630 between his daughter and son in the ratio 3 : 4 respectively. How much does the son get?

   ☐ (A) Rs. 36,270   ☐ (B) Rs. 38,215

   ☐ (C) Rs. 48,360   ☐ (D) Rs. 42,113

13. 12 books cost Rs. 96. What is the cost of 20 books?

   ☐ (A) Rs. 140   ☐ (B) Rs. 150

   ☐ (C) Rs. 160   ☐ (D) Rs. 170

14. Liani bought 72 kg of rice for Rs. 324. How many kilograms of rice could she buy if she had spent only Rs. 144?

   ☐ (A) 25 kg   ☐ (B) 32 kg

   ☐ (C) 40 kg   ☐ (D) 45 kg

15. Each child in a family has at least 2 brothers and 1 sister. What is the least number of children in the family?

   ☐ (A) 3   ☐ (B) 4

   ☐ (C) 5   ☐ (D) 6

16. A monkey climbs 3 feet up a slippery pole every second and slips down 2 feet over the next second. How many seconds will the monkey take to reach a banana tied 15 feet up the slippery pole?

   ☐ (A) 15 seconds   ☐ (B) 20 seconds

   ☐ (C) 25 seconds   ☐ (D) 30 seconds

17. The sum of two numbers is 1 and their product is – 30. What are the numbers?
   - (A) 6 and – 5
   - (B) – 6 and 5
   - (C) 10 and – 3
   - (D) – 15 and 16

18. Every floor of a 104-storey skyscraper is 4 m high. If a balloon rises 3 m every second, how long will it take to rise from the 36th floor to the 96th floor?
   - (A) 70 seconds
   - (B) 80 seconds
   - (C) 90 seconds
   - (D) 100 seconds

19. Kunga was driving his car at a high speed. Seeing a crowd far ahead, he applied the brake. During the next 15 seconds, the speed of the car changed by 30 km/h. What is the change of speed per second?
   - (A) 2 km/h
   - (B) 3 km/h
   - (C) 4 km/h
   - (D) 5 km/h

20. One-third of 6 dozen fruits in a fruit seller's cart are apples. If one-fourth of all the fruits are oranges and the rest of the fruits are bananas, how many dozen bananas are there in the fruit seller's cart?
   - (A) 1 dozen
   - (B) 2 dozen
   - (C) 2½ dozen
   - (D) 3 dozen

21. 0.838383... is equal to:
   - (A) $0.8\overline{3}$
   - (B) $0.\overline{83}$
   - (C) $0.\overline{8}3$
   - (D) 08.3

22. A cable $27\frac{1}{2}$ m long is cut into equal pieces measuring $2\frac{3}{4}$ m each. How many pieces has the cable been cut into?
   - (A) 8 pieces
   - (B) 10 pieces
   - (C) 15 pieces
   - (D) 18 pieces

23. Of the 1050 teachers and students in a school, $\frac{3}{7}$ are girl students, $\frac{1}{50}$ are teachers and the rest are boys. How many boys are there in the school?
   - (A) 579
   - (B) 557
   - (C) 526
   - (D) 476

24. Siami reads one-sixth of an hour on the first day, one-fourth of an hour on the second day, one-third of an hour on the third day. If this pattern continues, how long will she read on the fifth day?
   - (A) 25 minutes
   - (B) 30 minutes
   - (C) 35 minutes
   - (D) 40 minutes

25. Solve $441.709 \div 18.14$
   - (A) 23.56
   - (B) 24.26
   - (C) 24.35
   - (D) 25.35

26. A social service group buys 43.7 kg of rice at Rs. 12 per kg and distributes it equally amongst 152 poor people. What is the cost of the quantity of rice each person get?
   - (A) Rs. 2.50
   - (B) Rs. 3.45
   - (C) Rs. 4
   - (D) Rs. 4.35

27. What should be added to 3.189 to get 7.5?
   - (A) 4.311
   - (B) 3.745
   - (C) 4.321
   - (D) 5.2

28. Simplify $2^7 \div 2^3$
   - (A) 1
   - (B) 2^4
   - (C) 2^{10}
   - (D) 2^{21}

29. The length of the longest pole that can be put in a room of dimension $10m \times 10m \times 5m$ is:
   - (A) 13m
   - (B) 15m
   - (C) 14m
   - (D) 16m

30. Convert one day into second.
   - (A) 86,400 sec
   - (B) 3,600 sec
   - (C) 26,000 sec
   - (D) 3,200 sec

31. I think of a number x, add 15 to it and divide the result by 3, then I get 7. What is x?
   - (A) 4
   - (B) 5
   - (C) 6
   - (D) 7

32. A number is multiplied by 3 and 7 is taken away from the product to get the answer 17. What is the number?
   - (A) 5
   - (B) 6
   - (C) 7
   - (D) 8

33. Two cars leave at the same time from two different towns, which are 400 km apart, towards each other. One car is moving at a speed of 52 km/h and the other at 48 km/h. After how much time will they cross each other?
   - (A) 3 hours
   - (B) 4 hours
   - (C) 5 hours
   - (D) 6 hours

34. Kunga is now 4 times as old as Sangi. 5 years ago, Kunga was 7 times as old as Sangi. Find the present age of Sangi.

    ☐ (A) 10 years   ☐ (B) 8 years

    ☐ (C) 9 years   ☐ (D) 12 years

35. At 10:00 a.m. a car leaves Aizawl for Champhai, travelling at the rate of 40 km/h. How fast must a second car travel if it is to leave Aizawl an hour later and overtake the first car at 3.00 p.m.?

    ☐ (A) 50 km/h   ☐ (B) 55 km/h

    ☐ (C) 60 km/h   ☐ (D) 65 km/h

36. 90 litres of salt solution contains 50% salt. How much water should be added to make it a 30 % solution of salt?

    ☐ (A) 40 litres   ☐ (B) 50 litres

    ☐ (C) 60 litres   ☐ (D) 65 litres

37. There are 30 flowers in a bouquet. 18 are roses and the remaining are orchids. What is the ratio of orchids to roses?

    ☐ (A) 3 : 2   ☐ (B) 2 : 3

    ☐ (C) 3 : 5   ☐ (D) 5 : 7

38. Dina, Liana and Puia shared an amount of Rs. 240 in the ratio 5 : 3 : 8. How much did Puia get?

    ☐ (A) Rs. 120   ☐ (B) Rs. 75

    ☐ (C) Rs. 45   ☐ (D) Rs. 90

39. If 5 cats can catch 5 rats in 5 minutes, how many rats can be caught by 100 cats in 100 minutes?

    ☐ (A) 100 rats   ☐ (B) 200 rats

    ☐ (C) 1000 rats   ☐ (D) 2000 rats

40. After 20% reduction on the price of a suit, it is bought at Rs. 420. What is the original price?

    ☐ (A) Rs. 500   ☐ (B) Rs. 525

    ☐ (C) Rs. 550   ☐ (D) Rs. 575

41. Zuali got 50% marks in Hindi, 75% marks in English and 90 marks in Mathematics. The maximum marks in each of the subjects were 100, 140 and 160 respectively. Find her aggregate percentage?

    ☐ (A) 60%   ☐ (B) 60.35%

    ☐ (C) 61.25%   ☐ (D) 62.25%

42. If the cost price is Rs. 200 and the selling price is Rs. 230. What is the profit percent?
   ☐ (A) 15% ☐ (B) 13%
   ☐ (C) 23% ☐ (D) 30%

43. In how many years will a sum of money double itself at 10% simple interest?
   ☐ (A) 12 years ☐ (B) 10 years
   ☐ (C) 8 years ☐ (D) 6 years

44. Two tables were sold at Rs. 990 each, one at a profit of 10% and the other at a loss of 10%. What is the percentage of profit or loss?
   ☐ (A) 10% loss ☐ (B) 10% profit
   ☐ (C) 1% loss ☐ (D) 1% profit

45. What sum of money will should be invested for 5 years at 8% to earn the same interest as Rs. 3,600 at 10% for 4 years?
   ☐ (A) Rs. 4,000 ☐ (B) Rs. 3,950
   ☐ (C) Rs. 3,600 ☐ (D) Rs. 3,500

46. The distance covered by a wheel with radius 7 cm in 200 revolutions is:
   ☐ (A) 140 cm ☐ (B) 280 cm
   ☐ (C) 440 cm ☐ (D) 88 m

47. How many times a boy has to run around a field 83 m long and 33 m wide in order to cover 812 m?
   ☐ (A) 3.5 times ☐ (B) 4 times
   ☐ (C) 5 times ☐ (D) 6 times

48. A lawn is 80 m long and 60 m wide. There is a swimming pool of length 20 m × 6 m in this lawn. What will be the cost of putting grass in the remaining part of the field at Rs. 30 per square meter?
   ☐ (A) Rs. 50,000 ☐ (B) Rs. 1,40,400
   ☐ (C) Rs. 1,50,000 ☐ (D) Rs. 24,580

49. How many bricks will be required to construct a wall 13.5 m long, 6 m high and 22.5 cm thick if each brick measures 27 cm × 12.5 cm × 9 cm?
   ☐ (A) 5000 ☐ (B) 6000
   ☐ (C) 7000 ☐ (D) 8000

50. A classroom is 10 m long, 6.4 m wide and 5 m high. If each students be given 1.6 m² of the floor area, how many cubic meters of air would each student get?
   ☐ (A) 6 ☐ (B) 7
   ☐ (C) 8 ☐ (D) 9

(BASIC COMPUTER KNOWLEDGE)

51. The first computers were programmed using -
    ☐ (A) assembly language   ☐ (B) machine language
    ☐ (C) source code   ☐ (D) object code

52. Magnetic Tape can serves as –
    ☐ (A) input device   ☐ (B) secondary storage device
    ☐ (C) output device   ☐ (D) outsourcing device

53. The digital computer was developed primarily in -
    ☐ (A) USA   ☐ (B) UK
    ☐ (C) Russia   ☐ (D) Germany

54. A CPU contains -
    ☐ (A) a card reader and a printing device
    ☐ (B) an analytical engine and a control unit
    ☐ (C) a control unit and an arithmetic logic unit
    ☐ (D) an arithmetic logic unit and a card reader

55. 1 byte is equal to:
    ☐ (A) 4 bits   ☐ (B) 5 bits
    ☐ (C) 6 bits   ☐ (D) 8 bits

56. You organised files by storing them in -
    ☐ (A) archives   ☐ (B) folders
    ☐ (C) indexes   ☐ (D) lists

57. ALU is -
    ☐ (A) Arithmetic Logic Unit   ☐ (B) Array Logic Unit
    ☐ (C) Application Logic Unit   ☐ (D) None of these

58. RAM is an example of -
    ☐ (A) Secondary memory   ☐ (B) Primary Memory
    ☐ (C) Main memory   ☐ (D) Both (A) and (B)

59. The CPU and memory are located on the -
    ☐ (A) motherboard   ☐ (B) expansion board
    ☐ (C) storage device   ☐ (D) output device

60. All of the following are examples of real security and privacy risks except -
- [ ] (A) hackers
- [ ] (B) Spam
- [ ] (C) viruses
- [ ] (D) identity theft

61. Which is called supervisor of computer activity?
- [ ] (A) Memory
- [ ] (B) Operating System
- [ ] (C) I/O device
- [ ] (D) Control Unit

62. Which is the first program run on a computer when the computer boots up?
- [ ] (A) System software
- [ ] (B) Operating system
- [ ] (C) System operation
- [ ] (D) System tray

63. My Computer was introduced from -
- [ ] (A) Windows 3.1
- [ ] (B) Windows 3.11
- [ ] (C) Windows 95
- [ ] (D) Windows 98

64. Which of the following Windows does not have Start button?
- [ ] (A) Windows Vista
- [ ] (B) Windows 7
- [ ] (C) Windows 8
- [ ] (D) Windows 10

65. Which of the following is not a multitasking operating system?
- [ ] (A) DOS
- [ ] (B) Windows
- [ ] (C) Linux
- [ ] (D) Win NT

66. A user-interface that is easy to use is considered to be -
- [ ] (A) User happy
- [ ] (B) User simple
- [ ] (C) User friendly
- [ ] (D) User defect

67. Which of the following is a drop down list?
- [ ] (A) List
- [ ] (B) Combo box
- [ ] (C) Text area
- [ ] (D) all of these

68. By default, on which page the header or the footer is printed in MS Word?
- [ ] (A) On first page
- [ ] (B) On every page
- [ ] (C) On alternate page
- [ ] (D) On last page

69. Which of these toolbars in MS Word allows changing of Fonts and their sizes?
- [ ] (A) Standard
- [ ] (B) Print Preview
- [ ] (C) Formatting
- [ ] (D) Bullets & Numbering

70. The function of Ctrl + Z in Ms Word is -
    ☐ (A) Print command   ☐ (B) Save
    ☐ (C) Minimize   ☐ (D) Undo

71. Which option in file pull-down menu is used to close a file in MS Word?
    ☐ (A) New   ☐ (B) Close
    ☐ (C) Window   ☐ (D) Exit

72. Which of the following is not a font style?
    ☐ (A) Bold   ☐ (B) Regular
    ☐ (C) Superscript   ☐ (D) Italics

73. The best way to create a heading in a word document is to -
    ☐ (A) apply a larger font size   ☐ (B) add bold formatting
    ☐ (C) apply a heading style   ☐ (D) none of these

74. Which would you choose to display the statistics about a word document?
    ☐ (A) tools, word count   ☐ (B) tools, spelling and grammar
    ☐ (C) tools, statistics   ☐ (D) insert, statistics

75. Which shortcut is used to select all the text in the word document?
    ☐ (A) Ctrl + S   ☐ (B) Ctrl + A
    ☐ (C) Ctrl + N   ☐ (D) Ctrl + D

76. In Excel, B7:B9 indicates:
    ☐ (A) cell B7 and cell B9   ☐ (B) cell B7 to cell B9
    ☐ (C) cell B8 only   ☐ (D) cell B9 only

77. You can enter which types of data into Excel cells?
    ☐ (A) Labels, values and formulas   ☐ (B) Labels and values but not formulas
    ☐ (C) Values and formulas only   ☐ (D) Values and formulas but not labels

78. To drag a selected range of data to another worksheet in the same workbook in a spreadsheet, use the -
    ☐ (A) Tab key   ☐ (B) Shift key
    ☐ (C) Control key   ☐ (D) Alt key

79. Status indicators in Excel are located in the -
   ☐ (A) Vertical scroll bar   ☐ (B) Horizontal scroll bar
   ☐ (C) Formula bar   ☐ (D) Formatting tool bar

80. The Name box on to the left of formula bar in Excel shows the name of -
   ☐ (A) workbook currently working on
   ☐ (B) worksheet currently working on
   ☐ (C) cell or range currently working on
   ☐ (D) None of these

81. You can edit existing Excel data by pressing the -
   ☐ (A) F1 key   ☐ (B) F2 key
   ☐ (C) F3 key   ☐ (D) F4 key

82. Which of the cell pointer indicates that you can move the content in a cell to other cell in MS Excel?
   ☐ (A) Doctor's symbol (Big Plus)   ☐ (B) Small thin plus icon
   ☐ (C) Blinking of pointer   ☐ (D) Mouse pointer with anchor at the tip

83. HTML stands for-
   ☐ (A) Hyper Text Making Links   ☐ (B) Hyper Text Markup Language
   ☐ (C) Hyper Text Mixture of Links   ☐ (D) Hyper Text Marking Language

84. Which of the following is a valid IP address?
   ☐ (A) 984.12.787.76   ☐ (B) 192.168.321.10
   ☐ (C) 1.888.234.3456   ☐ (D) 192.168.56.115

85. Buying and selling of goods over the internet is called -
   ☐ (A) e-commerce   ☐ (B) cyber-selling
   ☐ (C) cyber-marketing   ☐ (D) e-dealing

86. HUB is a _____ device.
   ☐ (A) Unicast   ☐ (B) Multicast
   ☐ (C) Broadcast   ☐ (D) None of these

87. Radio communication frequencies range from -
   ☐ (A) 3 KHz to 300 KHz   ☐ (B) 3 KHz to 300 GHz
   ☐ (C) 300 KHz to 3 Ghz   ☐ (D) 3 KHz to 3000 GHz

88. Sending a file from one computer's primary memory or disk to another computer is called-

☐ (A) uploading   ☐ (B) hanging on

☐ (C) logging on   ☐ (D) downloading

89. Software which allows user to view a webpage is called ___:

☐ (A) Operating system   ☐ (B) Interpreter

☐ (C) Browsers   ☐ (D) website

90. Computer which stores different web pages is called ____.

☐ (A) web server   ☐ (B) web browser

☐ (C) service provider   ☐ (D) none of these

91. Which of the following is a domain name suffix?

☐ (A) .com   ☐ (B) .net

☐ (B) .web   ☐ (D) none of these

92. Find the right email address from the following.

☐ (A) computer.gmail.com   ☐ (B) computer17@gmail.com

☐ (C) facebook.com@gmail   ☐ (D) none of these

93. Unwanted and unsolicited e-mails are called -

☐ (A) spam   ☐ (B) junk

☐ (C) flame   ☐ (D) flare

94. A 'phishing e-mail' usually means -

☐ (A) an e-mail about fishing   ☐ (B) an electronic encrypted e-mail

☐ (C) an e-mail with dirty jokes   ☐ (D) an e-mail asking personal information

95. An inbox is where you can find -

☐ (A) sent e-mail   ☐ (B) new e-mail

☐ (C) deleted e-mail   ☐ (D) every e-mail

96. Which of the following describes software that is created and distributed for malicious purposes?

☐ (A) Freeware   ☐ (B) Vaporware

☐ (C) Malware   ☐ (D) All of these

97.   In order to edit a chart in a PowerPoint slide, you can -
☐   (A) triple click the chart   ☐   (B) double click the chart
☐   (C) click and drag the chart   ☐   (D) click the chart

98.   During a slide show in PowerPoint, pressing the Esc key -
☐   (A) displays the last slide   ☐   (B) displays the first slide
☐   (C) ends the slide show   ☐   (D) displays the previous slide

99.   Which of the following sections do not exists in a slide layout in PowerPoint?
☐   (A) Titles   ☐   (B) Lists
☐   (C) Charts   ☐   (D) Animations

100.   Which of the following is a default page set up orientation for slides in PowerPoint?
☐   (A) Vertical   ☐   (B) Landscape
☐   (C) Portrait   ☐   (D) Horizontal

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