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. 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

2. 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

3. 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

4. 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

5. 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

6. 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

7. 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

8. 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

9. 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

10. 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

11. 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

12. 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

13. 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

14. 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

15. 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

16. 0.838383... is equal to:

☐ (A) $0.8\overline{3}$ ☐ (B) $0.\overline{83}$
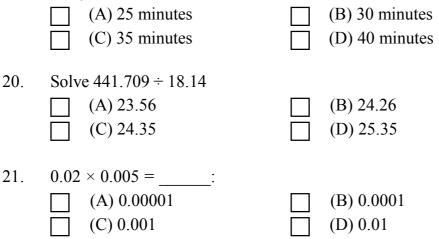☐ (C) $0.\overline{8}3$ ☐ (D) 08.3

17. 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

18. 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

19. 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

20. Solve 441.709 ÷ 18.14

☐ (A) 23.56   ☐ (B) 24.26
☐ (C) 24.35   ☐ (D) 25.35

21. 0.02 × 0.005 = _____ :

☐ (A) 0.00001   ☐ (B) 0.0001
☐ (C) 0.001   ☐ (D) 0.01

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

23. 4.036 divided by 0.04 gives:
   - ☐ (A) 1.009
   - ☐ (B) 10.09
   - ☐ (C) 100.9
   - ☐ (D) 0.109

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

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

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

27. 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

28. 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

29. Find the lowest number that is divisible by 3, 4, 5, 6, 10 and 15.
   - ☐ (A) 30
   - ☐ (B) 45
   - ☐ (C) 25
   - ☐ (D) 15

30. Subtract – 30 from – 70, you get ____ .
   - ☐ (A) – 40
   - ☐ (B) – 100
   - ☐ (C) 40
   - ☐ (D) 100

31. Find the number multiplied by 7 and then subtracted by 10 and becomes 130.
   - ☐ (A) 40
   - ☐ (B) 140
   - ☐ (C) 20
   - ☐ (D) 14

32. 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

33. 12 books cost Rs. 96. What is the cost of 20 books?

☐ (A) Rs. 140   ☐ (B) Rs. 150
☐ (C) Rs. 160   ☐ (D) Rs. 170

34. 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

35. 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

36. 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

37. What should be added to 3.189 to get 7.5?

☐ (A) 4.311   ☐ (B) 3.745
☐ (C) 4.321   ☐ (D) 5.2

38. Simplify $2^7 \div 2^3$

☐ (A) 1   ☐ (B) 2^4
☐ (C) 2^{10} ☐ (D) 2^{21}

39. 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

40. Convert one day into second.

☐ (A) 86,400 sec   ☐ (B) 3,600 sec
☐ (C) 26,000 sec   ☐ (D) 3,200 sec

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 m^2 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. You can edit existing Excel data by pressing the -

☐ (A) F1 key ☐ (B) F2 key
☐ (C) F3 key ☐ (D) F4 key

52. 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

53. HTML stands for-

☐ (A) Hyper Text Making Links ☐ (B) Hyper Text Markup Language
☐ (C) Hyper Text Mixture of Links ☐ (D) Hyper Text Marking Language

54. 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

55. Buying and selling of goods over the internet is called -

☐ (A) e-commerce ☐ (B) cyber-selling
☐ (C) cyber-marketing ☐ (D) e-dealing

56. HUB is a _____ device.

☐ (A) Unicast ☐ (B) Multicast
☐ (C) Broadcast ☐ (D) None of these

57. 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

58. 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

59. Software which allows user to view a webpage is called ___:
☐ (A) Operating system ☐ (B) Interpreter
☐ (C) Browsers ☐ (D) website

60. Computer which stores different web pages is called ____.
☐ (A) web server ☐ (B) web browser
☐ (C) service provider ☐ (D) none of these

61. Which of the following is a domain name suffix?
☐ (A) .com ☐ (B) .net
☐ (B) .web ☐ (D) none of these

62. Find the right email address from the following.
☐ (A) computer.gmail.com ☐ (B) computer17@gmail.com
☐ (C) facebook.com@gmail ☐ (D) none of these

63. Unwanted and unsolicited e-mails are called -
☐ (A) spam ☐ (B) junk
☐ (C) flame ☐ (D) flare

64. 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

65. An inbox is where you can find -
☐ (A) sent e-mail ☐ (B) new e-mail
☐ (C) deleted e-mail ☐ (D) every e-mail

66. Which of the following describes software that is created and distributed for malicious purposes?
☐ (A) Freeware ☐ (B) Vaporware
☐ (C) Malware ☐ (D) All of these

67. 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

68. 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

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

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

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

72. Magnetic Tape can serves as –
- [ ] (A) input device
- [ ] (B) secondary storage device
- [ ] (C) output device
- [ ] (D) outsourcing device

73. The digital computer was developed primarily in -
- [ ] (A) USA
- [ ] (B) UK
- [ ] (C) Russia
- [ ] (D) Germany

74. 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

75. 1 byte is equal to:
- [ ] (A) 4 bits
- [ ] (B) 5 bits
- [ ] (C) 6 bits
- [ ] (D) 8 bits

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

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

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

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

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

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

82. 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

83. My Computer was introduced from -
 ☐ (A) Windows 3.1 ☐ (B) Windows 3.11
 ☐ (C) Windows 95 ☐ (D) Windows 98

84. Which of the following Windows does not have Start button?
 ☐ (A) Windows Vista ☐ (B) Windows 7
 ☐ (C) Windows 8 ☐ (D) Windows 10

85. Which of the following is not a multitasking operating system?
   ☐ (A) DOS   ☐ (B) Windows
   ☐ (C) Linux   ☐ (D) Win NT

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

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

88. 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

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

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

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

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

93. 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

94. 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

95. 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

96. 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

97. 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

98. 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

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

100. 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

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