

**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. 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?

<input type="checkbox"/> (A) 15 seconds	<input type="checkbox"/> (B) 20 seconds
<input type="checkbox"/> (C) 25 seconds	<input type="checkbox"/> (D) 30 seconds

2. The sum of two numbers is 1 and their product is – 30. What are the numbers?

<input type="checkbox"/> (A) 6 and –5	<input type="checkbox"/> (B) – 6 and 5
<input type="checkbox"/> (C) 10 and – 3	<input type="checkbox"/> (D) – 15 and 16

3. 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?

<input type="checkbox"/> (A) 70 seconds	<input type="checkbox"/> (B) 80 seconds
<input type="checkbox"/> (C) 90 seconds	<input type="checkbox"/> (D) 100 seconds

4. 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?

<input type="checkbox"/> (A) 2 km/h	<input type="checkbox"/> (B) 3 km/h
<input type="checkbox"/> (C) 4 km/h	<input type="checkbox"/> (D) 5 km/h

5. 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?

<input type="checkbox"/> (A) 1 dozen	<input type="checkbox"/> (B) 2 dozen
<input type="checkbox"/> (C) 2½ dozen	<input type="checkbox"/> (D) 3 dozen

6. 0.838383... is equal to:
- ☐ (A) $0.8\overline{3}$ ☐ (B) $0.\overline{83}$
- ☐ (C) $0.\overline{8}3$ ☐ (D) $08.\overline{3}$
7. 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
8. 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
9. 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
10. Solve $441.709 \div 18.14$
- ☐ (A) 23.56 ☐ (B) 24.26
- ☐ (C) 24.35 ☐ (D) 25.35
11. 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
12. What should be added to 3.189 to get 7.5?
- ☐ (A) 4.311 ☐ (B) 3.745
- ☐ (C) 4.321 ☐ (D) 5.2
13. Simplify $2^7 \div 2^3$
- ☐ (A) 1 ☐ (B) 2^4
- ☐ (C) 2^{10} ☐ (D) 2^{21}

14. The length of the longest pole that can be put in a room of dimension $10\text{m} \times 10\text{m} \times 5\text{m}$ is:
- ☐ (A) 13m ☐ (B) 15m
☐ (C) 14m ☐ (D) 16m
15. Convert one day into second.
- ☐ (A) 86,400 sec ☐ (B) 3,600 sec
☐ (C) 26,000 sec ☐ (D) 3,200 sec
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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

22. 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
23. 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
24. 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
25. 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
26. 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%
27. 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%
28. 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
29. 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

30. 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
31. 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
32. 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
33. A lawn is 80 m long and 60 m wide. There is a swimming pool of length $20\text{ m} \times 6\text{ m}$ 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
34. 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 $27\text{ cm} \times 12.5\text{ cm} \times 9\text{ cm}$?
- ☐ (A) 5000 ☐ (B) 6000
- ☐ (C) 7000 ☐ (D) 8000
35. Subtract -30 from -70 , you get ____.
- ☐ (A) -40 ☐ (B) -100
- ☐ (C) 40 ☐ (D) 100
36. Find the number multiplied by 7 and then subtracted by 10 and becomes 130.
- ☐ (A) 40 ☐ (B) 140
- ☐ (C) 20 ☐ (D) 14
37. 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
38. 12 books cost Rs. 96. What is the cost of 20 books?
- ☐ (A) Rs. 140 ☐ (B) Rs. 150
- ☐ (C) Rs. 160 ☐ (D) Rs. 170

39. 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
40. 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
41. 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
42. $0.02 \times 0.005 = \underline{\hspace{2cm}}$:
- ☐ (A) 0.00001 ☐ (B) 0.0001
☐ (C) 0.001 ☐ (D) 0.01
43. Which of the following is equal to 3.14×10^6 ?
- ☐ (A) 31400 ☐ (B) 3140000
☐ (C) 3140 ☐ (D) 314
44. 4.036 divided by 0.04 gives:
- ☐ (A) 1.009 ☐ (B) 10.09
☐ (C) 100.9 ☐ (D) 0.109
45. The square of a number is 18 more than thrice the number. What is the number?
- ☐ (A) 6 ☐ (B) 9
☐ (C) 11 ☐ (D) 18
46. Simplify $85 - 20 \div 4 + 10$ of 2:
- ☐ (A) 100 ☐ (B) 90
☐ (C) 80 ☐ (D) 75
47. The product of an even number and an odd number is always _____.
- ☐ (A) odd number ☐ (B) even number
☐ (C) prime number ☐ (D) 100

48. Which of the following pairs of numbers is a co-prime number?
- | | |
|--|--|
| <input type="checkbox"/> (A) 12 and 15 | <input type="checkbox"/> (B) 11 and 19 |
| <input type="checkbox"/> (C) 13 and 26 | <input type="checkbox"/> (D) 25 and 30 |
49. Find the greatest number which divides 34, 60 and 85, leaving remainders of 7, 6 and 4 respectively.
- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> (A) 24 | <input type="checkbox"/> (B) 25 |
| <input type="checkbox"/> (C) 26 | <input type="checkbox"/> (D) 27 |
50. Find the lowest number that is divisible by 3, 4, 5, 6, 10 and 15.
- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> (A) 30 | <input type="checkbox"/> (B) 45 |
| <input type="checkbox"/> (C) 25 | <input type="checkbox"/> (D) 15 |

(BASIC COMPUTER KNOWLEDGE)

51. All of the following are examples of real security and privacy risks except -
- | | |
|--------------------------------------|---|
| <input type="checkbox"/> (A) hackers | <input type="checkbox"/> (B) Spam |
| <input type="checkbox"/> (C) viruses | <input type="checkbox"/> (D) identity theft |
52. Which is called supervisor of computer activity?
- | | |
|---|---|
| <input type="checkbox"/> (A) Memory | <input type="checkbox"/> (B) Operating System |
| <input type="checkbox"/> (C) I/O device | <input type="checkbox"/> (D) Control Unit |
53. Which is the first program run on a computer when the computer boots up?
- | | |
|---|---|
| <input type="checkbox"/> (A) System software | <input type="checkbox"/> (B) Operating system |
| <input type="checkbox"/> (C) System operation | <input type="checkbox"/> (D) System tray |
54. My Computer was introduced from -
- | | |
|--|---|
| <input type="checkbox"/> (A) Windows 3.1 | <input type="checkbox"/> (B) Windows 3.11 |
| <input type="checkbox"/> (C) Windows 95 | <input type="checkbox"/> (D) Windows 98 |
55. Which of the following Windows does not have Start button?
- | | |
|--|---|
| <input type="checkbox"/> (A) Windows Vista | <input type="checkbox"/> (B) Windows 7 |
| <input type="checkbox"/> (C) Windows 8 | <input type="checkbox"/> (D) Windows 10 |
56. Which of the following is not a multitasking operating system?
- | | |
|------------------------------------|--------------------------------------|
| <input type="checkbox"/> (A) DOS | <input type="checkbox"/> (B) Windows |
| <input type="checkbox"/> (C) Linux | <input type="checkbox"/> (D) Win NT |

57. You can edit existing Excel data by pressing the -
☐ (A) F1 key ☐ (B) F2 key
☐ (C) F3 key ☐ (D) F4 key
58. 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
59. HTML stands for-
☐ (A) Hyper Text Making Links ☐ (B) Hyper Text Markup Language
☐ (C) Hyper Text Mixture of Links ☐ (D) Hyper Text Marking Language
60. 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
61. Buying and selling of goods over the internet is called -
☐ (A) e-commerce ☐ (B) cyber-selling
☐ (C) cyber-marketing ☐ (D) e-dealing
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 exist 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. A user-interface that is easy to use is considered to be -
- ☐ (A) User happy ☐ (B) User simple
☐ (C) User friendly ☐ (D) User defect
72. Which of the following is a drop down list?
- ☐ (A) List ☐ (B) Combo box
☐ (C) Text area ☐ (D) all of these
73. 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
74. Which of these toolbars in MS Word allows changing of Fonts and their sizes?
- ☐ (A) Standard ☐ (B) Print Preview
☐ (C) Formatting ☐ (D) Bullets & Numbering

75. The function of Ctrl + Z in Ms Word is -
☐ (A) Print command ☐ (B) Save
☐ (C) Minimize ☐ (D) Undo
76. Which option in file pull-down menu is used to close a file in MS Word?
☐ (A) New ☐ (B) Close
☐ (C) Window ☐ (D) Exit
77. HUB is a _____ device.
☐ (A) Unicast ☐ (B) Multicast
☐ (C) Broadcast ☐ (D) None of these
78. 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
79. 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
80. Software which allows user to view a webpage is called ____:
☐ (A) Operating system ☐ (B) Interpreter
☐ (C) Browsers ☐ (D) website
81. Computer which stores different web pages is called _____.
☐ (A) web server ☐ (B) web browser
☐ (C) service provider ☐ (D) none of these
82. Which of the following is a domain name suffix?
☐ (A) .com ☐ (B) .net
☐ (B) .web ☐ (D) none of these
83. Which of the following is not a font style?
☐ (A) Bold ☐ (B) Regular
☐ (C) Superscript ☐ (D) Italics
84. 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

85. 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
86. 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
87. 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
88. 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
89. 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
90. Status indicators in Excel are located in the -
- ☐ (A) Vertical scroll bar ☐ (B) Horizontal scroll bar
- ☐ (C) Formula bar ☐ (D) Formatting tool bar
91. 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
92. The first computers were programmed using -
- ☐ (A) assembly language ☐ (B) machine language
- ☐ (C) source code ☐ (D) object code
93. Magnetic Tape can serves as –
- ☐ (A) input device ☐ (B) secondary storage device
- ☐ (C) output device ☐ (D) outsourcing device

94. The digital computer was developed primarily in -
☐ (A) USA ☐ (B) UK
☐ (C) Russia ☐ (D) Germany
95. 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
96. 1 byte is equal to:
☐ (A) 4 bits ☐ (B) 5 bits
☐ (C) 6 bits ☐ (D) 8 bits
97. You organised files by storing them in -
☐ (A) archives ☐ (B) folders
☐ (C) indexes ☐ (D) lists
98. ALU is -
☐ (A) Arithmetic Logic Unit ☐ (B) Array Logic Unit
☐ (C) Application Logic Unit ☐ (D) None of these
99. RAM is an example of -
☐ (A) Secondary memory ☐ (B) Primary Memory
☐ (C) Main memory ☐ (D) Both (A) and (B)
100. The CPU and memory are located on the -
☐ (A) motherboard ☐ (B) expansion board
☐ (C) storage device ☐ (D) output device

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