

A

**GOVERNMENT OF MIZORAM
COMMERCE & INDUSTRIES
(COMMERCE WING)
DEPARTMENT**

**EXAMINATION FOR RECRUITMENT TO
THE POST OF ASSISTANT MARKETING
INSPECTOR, 2024**

PAPER-II

Full Marks : 200
Time allowed : 3 hours

Put a "✓" mark in any one of the options given.

All Multiple Choice questions carry 2 marks each.

Signature of Invigilator: _____

CODE NO: _____

(For official use)

TABULATION OF MARKS

No of correct answers	Marks carried by each question	Marks obtained
	2	

Signature of Examiner : _____

A

**GOVERNMENT OF MIZORAM
COMMERCE & INDUSTRIES
(COMMERCE WING)
DEPARTMENT**

**EXAMINATION FOR RECRUITMENT TO
THE POST OF ASSISTANT MARKETING
INSPECTOR, 2024**

PAPER-II

Full Marks : 200
Time allowed : 3 hours

Put a "✓" mark in any one of the options given.

All Multiple Choice questions carry 2 marks each.

Signature of Invigilator: _____

CODE NO: _____

(For official use)

ROLL NO: _____

Date of Examination: _____

Signature of Candidate: _____

**GOVERNMENT OF MIZORAM
COMMERCE & INDUSTRIES DEPARTMENT**

EXAMINATION FOR RECRUITMENT TO THE POST OF ASSISTANT MARKETING INSPECTOR - 2024
(All questions are multiple choice questions. Attempt all questions. Each question carries 2 marks)
Full Mark: 200 marks; Time allowed: 3 hours

**SET A
PAPER – II**

(SIMPLE ARITHMETIC)

1. The HCF of two consecutive even numbers is:
(A) 0 (B) 1 (C) 2 (D) 3
2. Can we divide the number 1 by 0?
(A) Yes (B) No (C) 0 (D) None of these
3. Find the place value of the underlined digit: 75328
(A) 300 (B) 320 (C) 3 (D) 100
4. Which of the following is not a perfect square?
(A) 81 (B) 99 (C) 441 (D) 900
5. The square of a proper fraction is _____ the given fraction.
(A) larger than (B) equal to (C) smaller than (D) None of these
6. Find out the value of $\sqrt{9216}$.
(A) 92 (B) 93 (C) 94 (D) 96
7. Find two numbers whose product is a one-digit number and whose sum is a two-digit number.
(A) 1 and 9 (B) 1 and 8 (C) 2 and 6 (D) 5 and 4
8. If the cost of 7 m of cloth is Rs 294, find the cost of 5 m of cloth.
(A) Rs 225 (B) Rs 210 (C) Rs 200 (D) Rs 180
9. Convert $\frac{3}{8}$ into a percentage.
(A) 31.27 % (B) 35.7 % (C) 43.37 % (D) 37.5 %
10. What percentage of 75 is 81?
(A) 113 % (B) 108 % (C) 87 % (D) 78 %
11. If 16 % of a number is 2.4, find the number.
(A) 12 (B) 15 (C) 18 (D) 24
12. If Cost price = Rs. 620 and Selling price = Rs. 713, find the gain percent.
(A) 12 % (B) 13 % (C) 14 % (D) 15 %

13. On a marked price of Rs. 650, there is a discount of 16 %. Find the selling price.
 (A) Rs. 500 (B) Rs. 535 (C) Rs. 546 (D) Rs. 604
14. By how much is the difference of 604 and 406.64 less than their sum?
 (A) 718.65 (B) 795.28 (C) 813.28 (D) 907.58
15. The H.C.F. of 0.54, 1.8 and 7.2 is:
 (A) 1.8 (B) 18 (C) 0.18 (D) 0.018
16. When you add -15 to a number, the result is 25. What is the number?
 (A) -10 (B) 40 (C) -40 (D) 10
17. In a ratio which is equal to 3 : 4, if the antecedent is 12, then the consequent is:
 (A) 9 (B) 16 (C) 20 (D) 24
18. Divide 12.25 by 3.5.
 (A) 5.3 (B) 3.5 (C) 3.75 (D) 4.35
19. Twice a number x plus 3 is 17. What is x ?
 (A) 7 (B) 6 (C) 8 (D) 14
20. Convert the speed of 10 m/sec into km/hour.
 (A) 10 km/h (B) 12 km/h (C) 24 km/h (D) 36 km/h
21. Three numbers are in the ratio 1 : 2 : 3 and the HCF is 12. Find the numbers.
 (A) 12, 24, 36 (B) 11, 12, 33 (C) 2, 4, 6 (D) 5, 10, 15
22. What sum of money will produce Rs.70 as simple interest in 4 years at $3\frac{1}{2}$ percent?
 (A) Rs 550 (B) Rs 525 (C) Rs 500 (D) Rs 450
23. One-fifth of all the flowers in a garden are dahlias, three-seventh are tuberose and the rest are roses. If there are 182 roses in the garden, find the number of dahlias in the garden.
 (A) 258 (B) 210 (C) 98 (D) 76
24. Simplify: $(-5) + (-9) \div 3 - [(-5) \times (-3) - \{2 - (7 - 4)\}]$
 (A) 24 (B) -24 (C) 36 (D) -28
25. Simplify: $(1 - 1/2)(1 - 1/3)(1 - 1/4) \dots (1 - 1/100)$
 (A) 0 (B) 0.01 (C) 0.001 (D) 1
26. The sum of squares of two numbers is 145. If the square root of one number is 3, find the other number.
 (A) 136 (B) 9 (C) 64 (D) 8

27. What must be added to each term of the ratio 9 : 16, so that the ratio becomes 2 : 3?
 (A) 3 (B) 4 (C) 5 (D) 6
28. The average of the first five multiples of 9 is:
 (A) 20 (B) 27 (C) 28 (D) 30
29. The speed of a car going from Aizawl to Lunglei is 40 km/h. When coming back from Lunglei to Aizawl, its speed is 60 km/h. What is the average speed of the journey?
 (A) 48 km/h (B) 49 km/h (C) 50 km/h (D) 51 km/h
30. Sangi could not decide between a discount of 30% or two successive discounts of 25% and 5%, both given on shopping of Rs. 2000. How much is the difference between both the discounts?
 (A) Rs. 15 (B) Rs. 25 (C) Rs. 50 (D) No difference
31. A company raised the price of their products by 40%. How much discount should they give so as to sell the products on no profit no loss basis?
 (A) 40% (B) 36 % (C) 28.5 % (D) 22.5%
32. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:
 (A) 42 and 51 (B) 43 and 52 (C) 43 and 34 (D) 42 and 33
33. A reduction of 10% in the price of wheat enables a man to buy 2 kg more for Rs. 144. Find the original rate per kg.
 (A) Rs. 6 (B) Rs. 7 (C) Rs. 8 (D) Rs. 9
34. An alloy consists of 30% copper and 40% zinc, and the remaining is nickel. What is the amount of nickel in 20 kg of the alloy?
 (A) 6 kg (B) 7 kg (C) 8 kg (D) 9 kg
35. In an examination, 63% of the pupils passed in English; 71% passed in Hindi and 18% failed in both the subjects. If 442 pupils passed in both the subjects, how many appeared in the examination?
 (A) 750 pupils (B) 800 pupils (C) 850 pupils (D) 900 pupils
36. A triangle has sides 9 cm, 12 cm and 18 cm. The longest side of a similar shape triangle measures 12 cm. What are the lengths of the other sides?
 (A) 2 cm, 4 cm (B) 3 cm, 6 cm (C) 6 cm, 8 cm (D) 5 cm, 10 cm
37. Two bicycles were sold for Rs. 3990 each, gaining 5% on one and losing 5% on the other. The gain or loss percent on the whole transaction is:
 (A) 0.25% loss (B) 0.5% loss (C) 2.5 % gain (D) no gain, no loss

38. A machinery worth Rs. 7500 is depreciated by 4%. Its value after one year will be:
 (A) Rs. 7200 (B) Rs. 7000 (C) Rs. 7250 (D) Rs. 7300
39. *A* started a business with Rs. 21,000 and is joined afterwards by *B* with Rs. 36,000. After how many months did *B* join if the profits at the end of the year are divided equally?
 (A) 5 months (B) 6 months (C) 4 months (D) 7 months
40. *A*, *B* and *C* invested Rs. 8000, Rs. 4000 and Rs. 8000 respectively in a business. *A* left after six months. If after eight months, there was a gain of Rs. 4005, then what will be the share of *B*?
 (A) Rs. 690 (B) Rs. 790 (C) Rs. 890 (D) Rs. 990
41. 54 toymakers can prepare 36 toys per day. Mawia wants 416 toys. How many toymakers should he employ to get the job done in 16 days?
 (A) 43 (B) 39 (C) 16 (D) 24
42. If *P* and *Q* together can do a certain work in 15 days and *Q* alone in 20 days, in how many days can *P* complete the work alone?
 (A) 30 days (B) 40 days (C) 50 days (D) 60 days
43. *P* can do a job in 15 days. In how many days can *P* and *Q* together complete the job if *Q* is twice as fast as *P*?
 (A) 5 days (B) 6 days (C) 7 days (D) 8 days
44. In how many years will a sum of money double itself at 10% simple interest?
 (A) 5 years (B) 10 years (C) 15 years (D) 20 years
45. Sawma sees a thief at a distance of 80 m. He starts chasing the thief who is running at a speed of 5 m/s. He is chasing him with a speed of 7 m/s. How much distance does the thief covers before Sawma catches him?
 (A) 50 m (B) 100 m (C) 150 m (D) 200 m
46. The simple interest on a sum of money for 5 years at 6% is Rs. 120 more than the simple interest on the same sum at 5% for 4 years. Find the sum invested.
 (A) Rs. 1000 (B) Rs. 1200 (C) Rs. 1400 (D) Rs. 1800
47. Find the amount of Rs. 12,000 after 2 years, compounded annually, the rate of interest being 5% p.a. during the first year and 6% p.a. during the second year.
 (A) Rs. 13,356 (B) Rs. 12,758 (C) Rs. 13,000 (D) Rs. 13,195
48. The longer side of a rectangular hall is 24 m, and the length of its diagonal is 26 m. Find the area of the hall.
 (A) 210 m² (B) 225 m² (C) 240 m² (D) 254 m²

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) 5500 (D) 6500
50. A pit 5 m long and 3.5 m wide is dug to a certain depth. If the volume of earth taken out of it is 14 m³, what is the depth of the pit?
 (A) 80 cm (B) 0.5 m (C) 2 m (D) 90 cm

(BASIC COMPUTER KNOWLEDGE)

51. The first computers were programmed using:
 (A) assembly language (B) machine language
 (C) source code (D) object code
52. Which of the following does not belong to CPU?
 (A) Control Unit (B) PCU (C) Memory (D) ALU
53. The 0 and 1 in the binary numbering systems are called binary digits or _____.
 (A) bits (B) bytes (C) nibbles (D) kilobytes
54. In a decimal system, the binary number 10110 is equal to:
 (A) 11 (B) 21 (C) 22 (D) 23
55. _____ is a high-end printer.
 (A) Inkjet (B) Thermal (C) Dot matrix (D) Laser
56. Which memory is used for fast read and write operation in a computer?
 (A) ROM (B) FDD (C) HDD (D) RAM
57. All modern computers operate on _____.
 (A) information (B) floppies (C) data (D) words
58. Computers process data into information by working exclusively with –
 (A) numbers (B) multimedia (C) words (D) characters
59. Data (information) is stored in a computer as _____.
 (A) Directories (B) Matters (C) Floppies (D) Files
60. What is the main folder on a storage device?
 (A) Device driver (B) Platform (C) Interface (D) Root directory
61. What should be the first step during Operating System updating?
 (A) Backup critical data (B) Delete old operating system
 (C) Backup old operating system (D) Format hard disk

62. Which of the following is the best units of data on an external storage device?
 (A) Hertz (B) Bits (C) Bytes (D) Clock cycles
63. Compression of digital data for efficient storage is _____.
 (A) Buffer (B) Folder (C) Packing (D) Field
64. The memory resident portion of the operating system is called _____.
 (A) Registry (B) Kernel (C) API (D) CMOS
65. In Windows Explorer, a plus (+) sign in front of a folder indicates _____.
 (A) an open folder (B) a graphic file
 (C) a compressed file (D) the folder contains subfolders
66. Which is the most common input device being used today?
 (A) Mouse (B) Pendrive (C) Keyboard (D) Motherboard
67. In Windows XP, the best viewing option to see the file size and modified dates of all files in a folder is _____.
 (A) List (B) Details (C) Thumbnails (D) Icon
68. What shows the location of a file within the directory?
 (A) Path (B) Map (C) Root (D) Tree
69. What is the function of Ctrl + R in MS Word?
 (A) Right alignment (B) Justify
 (C) Close the current window (D) Open print dialog box
70. Which of the following is not present in MS Word?
 (A) Word count (B) Brush (C) Font size (D) Mailing
71. Office Button is symbolized with which feature on the MS Word?
 (A) Paper (B) Arrow (C) Office (D) Ribbon
72. The fastest way to make indent at the beginning of a line in MS Word is _____.
 (A) Press the Tab key (B) Drag the indent marker
 (C) Click the increase indent command (D) All of these
73. Which command(s) is/are present in the Quick Access Toolbar in MS Word?
 (A) Save (B) Undo (C) Redo (D) All of these
74. In MS Word, to move the insertion point to the beginning of the next word, which command is used?
 (A) Ctrl + Right Arrow (B) Ctrl + Left Arrow
 (C) Ctrl + Up Arrow (D) Ctrl + Down Arrow

75. Which of the following tab is used to add the document citation in MS Word?
(A) Home (B) Reference (C) Insert (D) Page Layout
76. MS Word is a/an _____ software.
(A) System (B) Compiler (C) Application (D) Programming
77. Which of the following helps to reduce spelling error in the document in MS Word?
(A) Auto Format (B) Auto Text (C) Auto Correct (D) Smart Tags
78. An Excel workbook is a collection of –
(A) diagram (B) worksheets
(C) charts (D) charts and worksheets
79. In Excel spreadsheets, rows are designated as _____.
(A) I, II, III ... (B) A, B, C ... (C) A1, B1, C1... (D) 1, 2, 3 ...
80. The intersection of a column and a row in an Excel worksheet is called _____.
(A) column (B) cell (C) address (D) value
81. _____ function in Excel worksheet represents the total number of entries in the cell.
(A) COUNT (B) AVG (C) SUM (D) TOTAL
82. If you press _____, the cell accepts your typing as its content in a spreadsheet.
(A) Enter (B) Ctrl+Enter (C) TAB (D) Insert
83. In MS Excel, which button do you click to arrange numbers in ascending order?
(A) Sort & Filter (B) Find & Select
(C) Wrap Text (D) Merge & Center
84. Which of the following is not a web browser?
(A) Internet Explorer (B) Android
(C) Mozilla Firefox (D) Google Chrome
85. Which Excel function returns TRUE or FALSE based on two or more conditions?
(A) =SUMIF (B) =AND (C) =CONCAT (D) COUNTIF
86. Which of the following does not exist in a slide layout in PowerPoint?
(A) Titles (B) Lists (C) Charts (D) Animation
87. Which is the first commercial web browser?
(A) Netscape (B) Mosaic (C) Mozilla (D) Internet Explorer
88. Which tab is not available on the left panel when you open PowerPoint presentation?
(A) Outline (B) Slide (C) Notes (D) All of these

89. What is an end point of an inter-process communication flow across a computer network?
 (A) Port (B) Machine (C) Socket (D) Pipe
90. Which of the following is not a PowerPoint view?
 (A) Page view (B) Print view (C) Normal view (D) Outline view
91. Which of the following devices copy electronical signals from one ethernet to another?
 (A) Bridge (B) Repeater (C) Hub (D) All of these
92. Which of the following is not a type of computer network?
 (A) Local Area Network (B) Personal Area Network
 (C) Remote Area Network (D) Metropolitan Area Network
93. Which of the followings allows you to connect and login to a remote computer?
 (A) Telnet (B) Remotenet (C) SMTP (D) None of these
94. End to end connectivity is provided from host to host in _____ layer.
 (A) Network (B) Session (C) Datalink (D) Transport
95. A network that requires human intervention in route signals is called a _____ network.
 (A) bus (B) T-switch (C) ring (D) star
96. In order to send an e-mail, which option will you choose?
 (A) Subject (B) Body (C) Compose (D) From
97. What type of scheme is the HTTP protocol?
 (A) Request/Response (B) Get/Put
 (C) Store/Forward (D) Search/Return
98. The domain name in an e-mail address silverspoon@gmail.com is _____.
 (A) gmail (B) gmail.com (C) silver (D) silverspoon
99. Which TCP/IP protocol is used for transferring e-mail messages from one machine to another?
 (A) FTP (B) RPC (C) SNMP (D) SMTP
100. In PowerPoint, Themes can be found under _____ tab.
 (A) Transition (B) Insert (C) Design (D) Animation

XXXXOOOOOXXXXXOOOOOXXXXXOOOOOXXXX