

# MIZORAM PUBLIC SERVICE COMMISSION

## TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO COMPUTER OPERATOR

UNDER MIZORAM INSTITUTE OF MEDICAL EDUCATION AND RESEARCH (MIMER) - 2018

### TECHNICAL PAPER – I

Time Allowed : 2 hours

Full Marks : 150

*Attempt all questions.*

*All questions carry equal marks of 2 each.*

1. The characteristic of a computer to perform almost any task that can be reduced to a finite series of logical steps is called \_\_\_\_\_
  - (a) Diligence
  - (b) Versatility
  - (c) Automatic
  - (d) Speed
2. The second generation of computer is based on the development of \_\_\_\_\_
  - (a) VLSI
  - (b) IC
  - (c) Transistor
  - (d) Vacuum tube
3. Father of modern digital programmable computer is
  - (a) Charles Babbage
  - (b) John Von Neuman
  - (c) Alan Turing
  - (d) Bill Gates
4. Which type of the memory is volatile in nature?
  - (a) Primary Memory
  - (b) USB Drive
  - (c) Optical Disk
  - (d) Magnetic Disk
5. The memory unit that hold information on a temporary basis in a CPU is \_\_\_\_\_
  - (a) Cache Memory
  - (b) Main Memory
  - (c) Auxiliary Memory
  - (d) Register
6. Which Register hold the next instruction to be executed?
  - (a) Accumulator
  - (b) Memory address Register
  - (c) Program counter
  - (d) Instruction Register
7. The speed of a processor is measure in \_\_\_\_\_
  - (a) Number of Clock Cycles per second
  - (b) Mega Hertz
  - (c) Giga Hertz
  - (d) All of these
8. The time required to locate and retrieve stored data from the storage unit is \_\_\_\_\_
  - (a) Seek time
  - (b) Access Time
  - (c) Latency
  - (d) None of These
9. If the time taken to access a piece of data from a storage unit is independent of the location, the memory is called \_\_\_\_\_
  - (a) Random Access
  - (b) Sequential Access
  - (c) Direct Access
  - (d) Free Access

10. The number of bits that can be stored by each of the memory locations is called \_\_\_\_\_
- (a) Bit length (b) Bit limit  
(c) Word length (d) Word limit
11. 1 KB is equal to \_\_\_\_\_
- (a) 1024 Bytes (b) 1000 Bytes  
(c) 1020 Bytes (d) 1012 Bytes
12. A set of invisible concentric circle on magnetic disk is called \_\_\_\_\_
- (a) Sector (b) Track  
(c) Pitch (d) Dent
13. Which of the following is an example of sequential access device
- (a) Magnetic tape (b) Compact Disk  
(c) Flash Drive (d) MicroSD Card
14. The horizontal rows in magnetic tape is called \_\_\_\_\_
- (a) Frame (b) Even parity  
(c) Odd Parity (d) Channel
15. The amount of data that can be stored on a given length of magnetic tape is called \_\_\_\_\_
- (a) Tape capacity (b) Tape limit  
(c) Data density (d) Data amount
16. The storage capacity of magnetic disk is
- (a) *No. Of recording surfaces x No. Of track per surface x No. Of sector per track x No. Of bytes per sector*  
(b) *No. Of recording surfaces x No. Of track per surface x No. Of Bytes per track*  
(c) *No. Of recording surfaces x No. Of sector per surface x No. Of sector per track*  
(d) *No. Of track per surface x No. Of sector per track x No. Of Bytes per track*
17. The size of magnetic disk is usually referred by \_\_\_\_\_
- (a) It's diameter (b) It's circumference  
(c) It's area (d) It's radius
18. The total number of track in Optical disk is \_\_\_\_\_
- (a) 1 (b) 10  
(c) 100 (d) 1000
19. The optical disk mechanism reads a disk from \_\_\_\_\_
- (a) Outer Edge to Center (b) Center to outer Edge  
(c) Middle to Outer Edge (d) Middle to center
20. The backup method that copies only newly created files or files changes since the last backup is called
- (a) Full backup (b) Periodic backup  
(c) Incremental backup (d) Evolutionary backup
21. Mouse is an example of
- (a) Input device (b) Point and Draw device  
(c) Both (a) and (b) (d) None of these

22. In OCR device , the OCR software perform
- (a) Conversion of Bitmap Image into it's equivalent text
  - (b) Conversion of text into Its equivalent Bitmap image
  - (c) Conversion of text into Its equivalent ASCII code
  - (d) Conversion of ASCII code into Its Equivalent bitmap image
23. In an OMR sheet, darkening one of the options is recognize by the system due to
- (a) Light absorption
  - (b) Light deflection
  - (c) Light refraction
  - (d) Light Reflection
24. In a bar code, the alphanumeric data is represented by
- (a) Bar width
  - (b) Bar spacing
  - (c) Bar length
  - (d) Combination of bar width and spacing
25. In an ink jet color printer, the color combination for color cartridge is
- (a) Cyan, Yellow and Magenta
  - (b) Red, Green and Black
  - (c) Cyan, Green and Blue
  - (d) Magenta, Green and Red
26. Programming language translator such as Compiler etc. is an example of
- (a) System Software
  - (b) Application software
  - (c) Utility software
  - (d) Enhancing Software
27. A software that is used to substitute a hardware and stored in read only memory is called
- (a) Middleware
  - (b) Firmware
  - (c) Bridge ware
  - (d) Customized ware
28. The first part of software development life cycle is
- (a) System design
  - (b) System analysis
  - (c) Implementation
  - (d) Requirement specification
29. What is the language understood by a computer without translation?
- (a) High Level Language
  - (b) Assembly Language
  - (c) Machine language
  - (d) Object oriented language
30. What is the translator for high level language that translate and execute one statement at a time before taking the next statement?
- (a) Assembler
  - (b) Linker
  - (c) Interpreter
  - (d) Compiler
31. In Mainframe computer system, the main computer is called \_\_\_\_\_
- (a) Host
  - (b) Terminal
  - (c) Front end computer
  - (d) Back End Computer
32. The information Technology Act 2000 consist of \_\_\_\_\_
- (a) 80 sections
  - (b) 94 sections
  - (c) 102 sections
  - (d) 142 sections
33. An operating system that supports execution of more than one job at a time is called
- (a) Multi-User Operating system
  - (b) Real Time Operating system
  - (c) Concurrent operating system
  - (d) Multitasking operating system

34. The operating system determines and maintains the order in which jobs are to be executed, This task is called
- (a) Job sequencing
  - (b) Job Scheduling
  - (c) Job arranging
  - (d) Job Ordering
35. The first window NT was introduced in the year \_\_\_\_\_
- (a) 1989
  - (b) 1990
  - (c) 1993
  - (d) 1998
36. Which version of windows introduce *window System update*
- (a) Windows NT 4.0
  - (b) Windows 98
  - (c) Windows Millennium
  - (d) Windows 2000
37. System restore feature of windows was introduced in \_\_\_\_\_
- (a) Windows 2000
  - (b) Windows XP
  - (c) Windows 7
  - (d) Windows 10
38. The temporary storage for files and documents that have been deleted is \_\_\_\_\_
- (a) My Document
  - (b) My Computer
  - (c) My Folder
  - (d) Recycle Bin
39. Shortcut Icons can be identified by \_\_\_\_\_
- (a) Small arrow in the lower left corner
  - (b) Small arrow in the lower right corner
  - (c) Small arrow in the upper left corner
  - (d) Small arrow in the upper right corner
40. The right corner of the task bar has \_\_\_\_\_
- (a) Start button
  - (b) Toolbars
  - (c) Task Buttons
  - (d) Notification area
41. What type of button present mutually exclusive option?
- (a) Text boxes
  - (b) Check boxes
  - (c) Command button
  - (d) Radio button
42. To open disk Cleanup, we need to do
- (a) *Click start>All programs>System tools>Disk Cleanup*
  - (b) *Click start>All programs>Accessories>System tools>Disk Cleanup*
  - (c) *Click start>All programs>Disk Cleanup*
  - (d) *Click start>All programs>System tools>Disk Manager> Disk Cleanup*
43. The DOS command to list all the files with .EXE extension in drive C is
- (a) `c:\> list * EXE`
  - (b) `c:\>dir *EXE`
  - (c) `c:\>dir*.EXE`
  - (d) `c:\>list*.EXE`
44. The DOS command to hide folder(directory) in drive G is
- (a) `g:\> attrib +s +h folder_name`
  - (b) `g:\> attrib -s -h folder_name`
  - (c) `g:\> attrib +s -h folder_name`
  - (d) `g:\> attrib -s +h folder_name`
45. The default extension for MS-Word document is
- (a) .doc or .docx
  - (b) .doc or .txt
  - (c) .docx or .txt
  - (d) .file or .txt
46. Shortcut key to save MS-Word document is
- (a) Alt+s
  - (b) Ctrl+s
  - (c) Alt+Ctrl+s
  - (d) Shift+Ctrl+s

47. The Key to bring cursor in the beginning of the current line in MS-Word is  
(a) Page Up (b) Page Down  
(c) Home (d) End
48. How many types of alignment of text are there in MS-Word?  
(a) 2 (b) 3  
(c) 4 (d) 5
49. One of the features of Ms-Word to correct common spelling mistakes is \_\_\_\_\_  
(a) AutoCorrect (b) AutoSpelling  
(c) AutoCheck (d) AutoVerify
50. The ability to combine name and addresses with a standard document is called \_\_\_\_\_  
(a) Document formatting (b) Database management  
(c) Mail Merge (d) Format letters
51. Which can be used for quick access to commonly used commands and tools?  
(a) Status bar (b) Tool bar  
(c) Menu bar (d) Title bar
52. “Ctrl + Right Arrow” is used to  
(a) Moves the cursor one word right (b) Moves the cursor end of the line  
(c) Moves the cursor end of the document (d) Moves the cursor one Paragraph down
53. Ctrl + G is used to  
(a) Open Paragraph Dialog box activating Goto Tab  
(b) Open Page Setup Dialog box activating Goto Tab  
(c) Open Find and Replace Dialog box with activating Goto Tab  
(d) Open Goto Dialog box
54. Which view can be used to see how text and graphics will appear on the printed page?  
(a) Normal (b) Print preview  
(c) Outline (d) Web Layout
55. How can you apply exactly the same formatting you did to another text?  
(a) Copy the text and paste in new location. Then type the new text again  
(b) Copy the text and click on Paste Special tool on new place  
(c) Select the text then click on Format Painter and select the new text  
(d) All of these
56. The maximum number of columns that can be inserted in MS-Word table is  
(a) 35 (b) 15  
(c) 63 (d) 65
57. The maximum number of work sheet in a work book is \_\_\_\_\_  
(a) 100 (b) 155  
(c) 200 (d) 255
58. Excel recognizes an entry as formula if it is preceded by either = or \_\_\_\_\_  
(a) + (b) -  
(c) \* (d) /

59. By default, MS-Excel uses \_\_\_\_\_ referencing while copying formulas.
- (a) Absolute (b) Relative  
(c) Mixed (d) Transitive
60. To make the cell referencing absolute, the column label or row number should be preceded by \_\_\_\_\_
- (a) & (b) @  
(c) # (d) \$
61. To set all the columns with equal width
- (a) Select all visible column, then place cell pointer on column dividing line, press left mouse button and drag to either left or right.  
(b) Select all visible column, click insert then enter the desired width in numerical number.  
(c) Select the first two columns, then place cell pointer on column dividing line between them, press left mouse button and drag to either left or right.  
(d) Click Edit, from dropdown menu select column width, then enter desired column width
62. The formula to find sum of all value within the cell ranges from F2 to F23 is \_\_\_\_\_
- (a) =sum(F2+F23) (b) =sum(F2 → F23)  
(c) =sum(F2:F23) (d) =sum(F2#F23)
63. In the given excel work sheet, if the formula =if(A1+C1>A2+B2, "MIMER", "FALKAWN") is inserted in D3. What will appear in that cell.

	A	B	C	D
1	20	4	5	
2	10	10	5	
3	10	5	8	

- (a) FALKAWN (b) MIMER  
(c) 25 (d) 20
64. What are the two types of data tables?
- (a) One variable data table and two variable data table  
(b) Row variable data table and column variable data table  
(c) Vertical variable data table and Horizontal variable data table  
(d) Odd variable data table and Even variable data table
65. In MS-Excel, how many data series can be displayed with Pie Chart?
- (a) 1 (b) 2  
(c) 3 (d) 4
66. Which of the following option is not available in Paste Special dialog box?
- (a) Add (b) Subtract  
(c) Divide (d) SQRT
67. Width of a column can be auto fitted by
- (a) Double clicking on the column name on column header  
(b) Double click on the cell pointer in worksheet  
(c) Double clicking on column right border on column header  
(d) Double clicking on the column left border of column header

68. The function to return the remainder after a number is divided by a divisor in EXCEL is \_\_\_\_\_
- (a) ROUND ( ) (b) FACT ( )  
(c) MOD ( ) (d) DIV ( )
69. How many different slide layout are there in MS-PowerPoint
- (a) 4 (b) 10  
(c) 14 (d) 20
70. PowerPoint readymade design is called \_\_\_\_\_
- (a) Template (b) Layout  
(c) Designer (d) Guide
71. In MS-PowerPoint, which view allows to create speaker's note?
- (a) Outline view (b) Slide sorter view  
(c) Slide Show view (d) Notes page view
72. Different slide timing can be set for different slides according to the requirement by using \_\_\_\_\_
- (a) Slide timing (b) Slide Timer  
(c) Rehearse timing (d) Rehearse timer
73. What PowerPoint feature will be used to apply motion effects between a slide exits and another enters?
- (a) Slide Transition (b) Slide Design  
(c) Animation Objects (d) Animation Scheme
74. Which short cut key inserts a new slide in current presentation?
- (a) Ctrl+N (b) Ctrl+M  
(c) Ctrl+S (d) Ctrl+A
75. In Microsoft PowerPoint, two kinds of sound effects files that can be added to the presentation are
- (a) .wav files and .mid files (b) .wav files and .gif files  
(c) .wav files and .jpg files (d) .jpg files and .gif files

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