MIZORAM PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF COMPUTER OPERATOR UNDER ANIMAL HUSBANDRY & VETERINARY DEPARTMENT, MAY, 2019

PAPER - I

Time Allowed : 2 hours

Full Marks : 150

All questions carry equal marks of 2 each.
Attempt all questions.

1. Which statement is valid about computer program?
   (a) High level languages must be converted into machine language to execute
   (b) High level language programs are more efficient and faster to execute
   (c) It is more difficult to identify errors in high level language program than in low level programs
   (d) All of these

2. Software intended to satisfy a user's specific processing needs are called
   (a) System software
   (b) Process software
   (c) Documentation
   (d) Application software

3. In magnetic disks data is organized on the platter in a concentric sets or rings called
   (a) sector
   (b) track
   (c) head
   (d) block

4. The performance of cache memory is frequently measured in terms of a quantity called
   (a) miss ratio.
   (b) hit ratio.
   (c) latency ratio.
   (d) read ratio.

5. 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

6. The first computers were programmed using
   (a) assembly language
   (b) machine language
   (c) source code
   (d) object code

7. Register is a group of _____
   (a) OR gates
   (b) OR & AND gate
   (c) Flip-flops
   (d) None of these

8. The address bus flow in _____
   (a) bidirection
   (b) unidirection
   (c) Mulidirection
   (d) Circular

9. Status register is also called as _____
   (a) Accumulator
   (b) Stack
   (c) Counter
   (d) Flags

10. Which of the following statements is true?

    (a) Minicomputer works faster than Microcomputer

    (b) Microcomputer works faster than Minicomputer

    (c) Speed of both the computers is the same

    (d) The speeds of both these computers cannot be compared

11. A computer cannot 'boot' if it does not have _____

    (a) Compiler   (b) Loader

    (c) Operating System   (d) Assembler

12. What characteristic of read-only memory (ROM) makes it useful?

    (a) ROM information can be easily updated.

    (b) Data in ROM is non-volatile, that is, it remains there even without electrical power.

    (c) ROM provides very large amounts of inexpensive data storage.

    (d) ROM chips are easily swapped between different brands of computers.

13. The output quality of a printer is measured by

    (a) Dot per inch   (b) Dot per sq. inch

    (c) Dots printed per unit time   (d) All of the above

14. Which of the printers used in conjunction with computers uses dry ink powder?

    (a) Daisy wheel printer   (b) Line printer

    (c) Laser printer   (d) Thermal printer

15. Main component of first generation computer was

    (a) Transistors   (b) Vacuum Tubes and Valves

    (c) Integrated Circuits   (d) None of the above

16. Result of logical operation is _____

    (a) Boolean   (b) Integer

    (c) Character   (d) String

17. Where is data stored when it is brought into processor?

    (a) Auxiliary   (b) Main memory

    (c) Register   (d) Magnetic tape

18. What is the register that contains the address of the next instruction?

    (a) Instruction register   (b) Program counter

    (c) Accumulator   (d) Container

19. In operating system, each process has its own

    (a) address space and global variables   (b) open files

    (c) pending alarms, signals and signal handlers   (d) all of these

20. The difference between memory and storage is that the memory is_____ and storage is_____

    (a) Temporary, permanent   (b) Permanent, temporary

    (c) Slow, fast   (d) None of the above

21. Note book, laptop, palm, hand-held computers are coming under the category of_____ computer

    (a) Digital computer   (b) Mainframe computer

    (c) Portable computer   (d) Hybrid computer

22. Switching device of fifth generation computer is _____
 (a) Vacuum tubes
 (b) Transistors
 (c) IC
 (d) VLSI

23. _____ is the measurement of things such as fingerprints and retinal scans used for security access.
 (a) Biometrics
 (b) Bio measurement
 (c) Computer security
 (d) Smart weapon machinery

24. The software substituted for hardware and stored in ROM.
 (a) Synchronous Software
 (b) Package Software
 (c) Firmware
 (d) Middleware

25. Storage of firmware is _____
 (a) Cache Memory
 (b) RAM
 (c) External
 (d) ROM

26. A computer system that is old and perhaps not satisfactory is referred to as a(n)
 (a) Ancient system
 (b) Historical system
 (c) Age old system
 (d) Legacy system

27. In analog computer
 (a) Input is first converted to digital form
 (b) Input is never converted to digital form
 (c) Output is displayed in digital form
 (d) All of the above

28. COBOL is an acronym for_____
 (a) Common Business Oriented Language
 (b) Computer Business Oriented Language
 (c) Common Business Operated Language
 (d) Common Business Organized Language

29. BIOS stands for
 (a) Basic Input Output system
 (b) Binary Input output system
 (c) Basic Input Off system
 (d) All of the above

30. Which of the following is not a valid variable name declaration?
 (a) int _a3;
 (b) int a_3;
 (c) int 3_a;
 (d) int _3a;

31. The format identifier '%i' is also used for _____ data type.
 (a) Char
 (b) int
 (c) float
 (d) double

32. What is the medium to convert text information into spoken sentences?
 (a) Speech Sensors
 (b) Compact convertors
 (c) Speech Synthesizers
 (d) Voice systems

33. Which function key needs to be pressed during reboot to enter in Safe Mode of a Windows machine?
 (a) F8
 (b) F2
 (c) F1
 (d) F9

34. FAT stands for
 (a) File Accomodation Table
 (b) File Access Tape
 (c) File Allocation Table
 (d) File Activity Table

35. Quick launch icon is a part of

    (a) tool bar   (b) menu bar

    (c) task bar   (d) title bar

36. A small graphic which represents a computer program, drive, folder or document is known as

    (a) Button   (b) Icon

    (c) Picture   (d) logo

37. Which DOS command is used to see the sub-directory structure of drive?

    (a) Tree   (b) List

    (c) Subdir   (d) Subtree

38. CHKDSK command is used to

    (a) Analyze the hard disk error   (b) Diagnose the hard disk error

    (c) Report the status of files on disk   (d) All of the above

39. A system program that sets up an executable program in main memory ready for execution is

    (a) Assembler   (b) Linker

    (c) Loader   (d) compiler

40. Fragmentation of the file system

    (a) can always be prevented   (b) can be temporarily removed by compaction

    (c) is a characteristic of all file systems   (d) None of the above

41. Which command can be used to clear the screen and display the operating system prompt on the first line of the display?

    (a) Cd   (b) Md

    (c) Rename   (d) cls

42. External command in DOS are

    (a) Copy, edit, sys, format   (b) Edit, sys, chkdsk

    (c) Chkdsk, prompt, date   (d) Sys, ver, vol

43. The maximum length in DOS commands is

    (a) 80 chars   (b) 127 chars

    (c) 100 chars   (d) 8 chars

44. Which command displays the directory list including files in tree structure?

    (a) Dir /s/f   (b) Tree /f

    (c) Tree /s/f   (d) Dir /f

45. Indention in word processing is used to

    (a) make the text readable   (b) change the paragraph color

    (c) apply border around text   (d) change line spacing

46. In MS Word, autoCorrect was originally designed to replace _____ words as you type.

    (a) short, repetitive   (b) grammatically incorrect

    (c) misspelled   (d) none of the above

47. In word processing, "Ctrl + PageDown" is used to

    (a) Moves the cursor one Paragraph Down   (b) Moves the cursor one Page Down

    (c) Moves the cursor one Line Down   (d) Moves the cursor one Screen Down

48. Which file starts MS Word?

    (a) winword.exe   (b) word.exe

    (c) msword.exe   (d) word2003.exe

49. By default, on which page the header or the footer is printed in MS Word?

    (a) on first page   (b) on alternate page

    (c) on every page   (d) none of the above

50. In MS Word, which feature helps you to inserts the contents of the Clipboard as text without any formatting

    (a) Paste Special   (b) Format Painter

    (c) Page Setup   (d) Styles

51. MS-Word automatically moves the text to the next line when it reaches the right edge of the screen and is called?

    (a) Carriage Return   (b) Enter

    (c) Word Wrap   (d) None of the above

52. In Word, the default alignment for paragraphs is _____.

    (a) left-aligned, or flush margins at the left edge and uneven edges at the right edge

    (b) centered, or equidistant from both the left edge and the right edge

    (c) right-aligned, or flush margins at the right edge and uneven edges at the left edge

    (d) justified, or flush margins at both the left and right edges

53. The minimum number of rows and columns in MS Word document is

    (a) 1 and 1   (b) 2 and 1

    (c) 1 and 2   (d) 2 and 2

54. How can you apply exactly the same formatting you did to another text in MS Word?

    (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 above

55. In MS Word, small squares, called _____, on the selection rectangle that surrounds a graphic can be used to change the dimensions of the graphic.

    (a) scroll boxes   (b) sizing handles

    (c) status indicators   (d) move handles

56. To autofit the width of column in MS Word

    (a) Double click the left border of column   (b) Double click the right border of column

    (c) Double click the column header   (d) All of above

57. Formulas in Excel start with

    (a) %   (b) =

    (c) +   (d) –

58. The cell reference for cell range of G2 to M12 is _____

    (a) G2.M12   (b) G2;M12

    (c) G2:M12   (d) G2-M12

59. What is the keyboard shortcut for creating a chart from the selected cell range?

    (a) F2   (b) F4

    (c) F8   (d) F11

60. The box on the chart that contains the name of each individual record is called the _____ .
    (a) cell   (b) title
    (c) axis   (d) legend

61. What happens when dollar signs ($) are entered in a cell address? (eg. $B$2:$B$10)
    (a) An absolute cell address is created.
    (b) Cell address will change when it is copied to another cell.
    (c) The sheet tab is changed.
    (d) The status bar does not display the cell address.

62. What will be the output if you format the cell containing 5436.8 as '#,##0.00'?
    (a) 5,430.00   (b) 5,436.80
    (c) 5,436.8   (d) 6.8

63. A numeric value can be treated as label value if _____ precedes it.
    (a) Apostrophe (')   (b) Exclamation (!)
    (c) Hash (#)   (d) Tilde (~)

64. In MS-Excel two common wildcard characters that MS-Excel recognizes are
    (a) * and ?   (b) < and >
    (c) ^ and /   (d) None of these

65. Which of the following is correct syntax in Excel?
    (a) IF(LogicalTest, TrueResult, FalseResult)
    (b) IF(LogicalTest, (TrueResult, FalseResult))
    (c) IF(LogicalTest, TrueResult) (LogicalTest, FalseResult)
    (d) IF(LogicalTest, TrueResult), IF(LogicalTest, FalseResult)

66. Which functionin Excel tells how many numeric entries are there?
    (a) NUM   (b) COUNT
    (c) SUM   (d) CHKNUM

67. A features that displays only the data in column (s) according to specified criteria
    (a) Formula   (b) Sorting
    (c) Filtering   (d) Pivot

68. What type of chart is good for single series of data?
    (a) Column Chart   (b) Line Chart
    (c) Pie Chart   (d) Cone Chart

69. How to insert a new slide in presentation in PowerPoint?
    (a) Ctrl + M   (b) Alt + N
    (c) Ctrl + I   (d) None of these

70. How to go to next slide in PowerPoint?
    (a) Tab   (b) Next key arrow
    (c) Spacebar   (d) None of these

71. To begin the Slide show in PowerPoint, press:
    (a) F2   (b) F3
    (c) F4   (d) F5

72. To center align the text in PowerPoint:

    (a) CTRL+ L   (b) CTRL+ E

    (c) Alt+L   (d) None of these

73. In the context of animations, what is a trigger?

    (a) An action button that advances to the next slide

    (b) An item on the slide that performs an action when clicked

    (c) The name of a motion path

    (d) All of above

74. How can you create a uniform appearance by adding a background image to all slides?

    (a) Create a template   (b) Edit the slide master

    (c) Use the autocorrect wizard   (d) All of the above

75. What is a slide-title master pair?

    (a) The title area and text area of a specific slide

    (b) A slide master and title master merged into a single slide

    (c) A slide master and title master for a specific design template

    (d) All of above

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