

FML

## FIRST MID TERM TEST - 2024

11 - Std

## COMPUTER SCIENCE

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Time : 1.30 Hrs.

MARKS : 40

**Note : (1) Answer all the questions.**

10 \* 1 = 10

**(ii) choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.**

I

## PART - I

- Name the volatile memory
  - ROM
  - PROM
  - RAM
  - EPROM
- Which amongst this is not an Octal number?
  - 645
  - 234
  - 876
  - 123
- Which gate is called as the logical inverter?
  - AND
  - OR
  - NOT
  - XNOR
- Which of the following device identifies the location when address is placed in the memory address register?
  - Locator
  - encoder
  - decoder
  - multiplexer
- Which of the following is a CISC processor?
  - Intel P6
  - AMD K6
  - Pentium III
  - Pentium IV
- Operating system is a
  - Application Software
  - Hardware
  - System Software
  - Component
- Which of the following OS is a Commercially licensed Operating system?
  - Windows
  - UBUNTU
  - FEDORA
  - REDHAT
- Which is the default folder for many Windows Applications to save your file?
  - My Document
  - My Pictures
  - Documents and Settings
  - My Computer



9. The shortcut key used to rename a file in windows  
 a) F2                      b) F4                      c) F5                      d) F6
10. Which of the following activities is not algorithmic in nature?  
 a) Multiply two numbers                      b) Draw a kolam.  
 c) Walk in the park                      d) Swaping of two numbers

### PART - II

**II ANSWER ANY FOUR. Q NO: 16 IS COMPULSORY.**

4 X 2 = 8

11. What are the components of a CPU?  
 12. What is Boolean Algebra?  
 13. What is a program counter?  
 14. What is multi-user Operating system?  
 15. Define an algorithm.  
 16. What are called standard icons

### PART - III

**III ANSWER ANY FOUR.**

**Q NO :22 IS COMPULSORY.**

4 X 3 = 12

17. Differentiate optical and Laser mouse  
 18. What is radix of a number system? Give example  
 19. Classify the microprocessor based on the size of the data.  
 20. What are the advantages and disadvantages of Time-sharing features?  
 21. Write a note on Recycle bin.  
 22. Differentiate cut and copy

### PART - IV

**IV ANSWER ALL THE QUESTIONS.**

2 X 5 = 10

23. Discuss the various generations of computers.

**(OR)**

Explain the concept of a Distributed Operating System along with its advantages.

24. Explain the characteristics of a microprocessor.

**(OR)**

Explain the different ways of finding a file or Folder