FM

FIRST MID TERM TEST - 2023

11 - STD   COMPUTER SCIENCE

TIME : 1.30 Hrs

MARKS :35

PART - I

All questions are compulsory.

5 X 1 = 5

1. When a system restarts which type of booting is used
   a) Warm booting   b) Cold booting
   c) Touch boot   d) Real boot

2. For 1101_2 the equivalent Hexadecimal equivalent is?
   a) F   b) E   c) D   d) B

3. Which is the fastest memory?
   a) Hard disk   b) Main memory
   c) Cache memory   d) Blue-ray disc

4. Which of the following OS is a commercially licensed operating system?
   a) Windows   b) UBUNTU   c) FEDORA   d) REDHAT

5. The shortcut key used to rename a file in windows
   a) F2   b) F4   c) F5   d) F6

PART - II

Answer any four questions. Q.No.11 is compulsory.

4 X 2 = 8

6. What are the components of a CPU?
7. Convert $(65)_{10}$ into Binary number.
8. Write about bus and it types.
9. What are the different operating system used in computer?
10. What are called standard icons?
11. Distinguish Primary and Secondary memory.

PART - III

Answer any four questions. Q.No.17 is compulsory.

4 X 3 = 12

12. What are the characteristics of a computer?
13. Write the De Morgan's law.
14. List out the key features of Operating system.
15. Write a note on Multiprocessing.
16. Write a note Recycle Bin.
17. Differentiate CD and DVD.

PART - IV

Answer all the following questions.

2 X 5 = 10

18. a) Discuss the various generations of computers.   **(OR)**
    b) i) Add $1101010_2 + 101101_2$ ii) Subtract $1101011_2 - 111010_2$

19. a) Explain the fundamental gates with expression and truth table.   **(OR)**
    b) Explain the characteristics of a microprocessor.

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