

FM

FIRST MID TERM TEST - 2023**11 - STD****COMPUTER SCIENCE**

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TIME : 1.30 Hrs

MARKS :35

PART - I**All questions are compulsory.**

5 X 1 = 5

- When a system restarts which type of booting is used
a) Warm booting b) Cold booting
c) Touch boot d) Real boot
- For 1101_2 the equivalent Hexadecimal equivalent is?
a) F b) E c) D d) B
- Which is the fastest memory?
a) Hard disk b) Main memory
c) Cache memory d) Blue-ray disc
- Which of the following OS is a commercially licensed operating system?
a) Windows b) UBUNTU c) FEDORA d) REDHAT
- 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

- What are the components of a CPU?
- Convert $(65)_{10}$ into Binary number.
- Write about bus and its types.
- What are the different operating systems used in computers?
- What are called standard icons?
- Distinguish Primary and Secondary memory.

PART - III**Answer any four questions. Q.No.17 is compulsory.**

4 X 3 = 12

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

PART - IV**Answer all the following questions.**

2 X 5 = 10

- a) Discuss the various generations of computers. (OR)
b) i) Add $1101010_2 + 101101_2$ ii) Subtract $1101011_2 - 111010_2$
- a) Explain the fundamental gates with expression and truth table. (OR)
b) Explain the characteristics of a microprocessor.