

FM

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

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TIME : 1.30 Hrs

MARKS : 35

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

5 X 1 = 5

- output device is used for printing building plan
a) Thermal printer b) Plotter
c) Dot matrix printer d) Inkjet printer
- How many bytes does 1 Kilo Byte contain?
a) 1000 b) 8 c) 4 d) 1024
- What is the smallest size of data represented in a CD?
a) Blocks b) Sectors c) Pits d) Tracks
- Which of the following operating systems support Mobile Devices?
a) Windows 7 b) BOSS c) Linux d) IOS
- Operating system is a
a) Application b) Hardware
c) System software d) Component software

PART - II**Answer any four questions. Q.No.11 is compulsory.**

4 X 2 = 8

- What is a Computer?
- Convert $(46)_{10}$ into Binary number.
- Define data and Information?
- What is a program counter?
- List out any two uses of Operating system?
- Differentiate Save and Save As option.

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

4 X 3 = 12

- What is an input device? Give two examples.
- Write short note on ASCII.
- What is radix of a number system? Give example.
- Write a note on Multiprocessing.
- Write a note Recycle Bin.
- How will you differentiate a flash memory and an EEPROM?

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

2 X 5 = 10

- a) Discuss the various generations of computers. (OR)
b) Find 1's complement and 2's complement for the following Decimal number
(i) -98 (ii) -135
- a) Explain the types of ROM. (OR)
b) Explain the characteristics of a microprocessor.

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