



I. Answer any 5 of the following questions:

[5 x 2 = 10]

1. What is HDMI?
2. Which source is used to erase the content of a EPROM?
3. What is the multi-user Operating system?
4. What is a GUI?
5. What is multi-processing?
6. What is fault tolerance?

II. Answer any 5 of the following questions:

[5 x 3 = 15]

1. Write down the classifications of microprocessors based on the instruction set.
2. Write down the interfaces and ports available in a computer.
3. Differentiate static RAM and Dynamic RAM.
4. Write a short note on cache memory?
5. What are the advantages and disadvantages of Time-sharing features?
6. Explain the process management algorithms in Operating System.

III. Answer any 5 of the following questions:

[5 x 5 = 25]

1. Explain the characteristics of a microprocessor.
2. How the read and write operations are performed by a processor? Explain.
3. Explain secondary storage devices and its types.
4. Explain the concept of a Distributed Operating System.
5. Explain advantages and disadvantages of open source operating systems.
6. Explain file management.

-----ALL THE BEST-----

Test should be written under the supervision of your parents and get the answer paper signed from them.

No corrections should be made after the test timings. We expect your honesty.

Test Papers have to be submitted after the completion of all the 4 tests.

Submission Date of Test Papers: 1st October, 2nd October, 3rd October

Timings: 9 AM – 12.30 PM / 5 PM- 7 PM