

581

October 2023

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART - A

1. Define partition.
2. What is the use of AGP bus?
3. Define HDMI.
4. State working principle of modem.
5. Define adapter.
6. Expand the term POST and define it.
7. Define protocol.
8. Define network.
9. Define socket.
10. Define subnetting.

PART - B

11. (a) Explain the construction and working of CD-RW.

(Or)

(b) Explain the architecture and block diagram of multicore processor.

12. (a) Explain the operation of laser printer.

(Or)

(b) Explain wireless keyboard.

13. (a) Write down the steps involved in OS installation.

(Or)

(b) Draw the block diagram of laptop motherboard and explain it.

14. (a) Explain the components of data communication.

(Or)

(b) Explain the concepts of switches and routers.

15. (a) Discuss about TCP and UDP.

(Or)

(b) Explain about SMTP and POP.
