1451

April 2025

[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 BIOS.

2.   List out the types of processor bus.

3.   List out any three memory errors.

4.   What are the types of scanners?

5.   Define POST.

6.   State the applications of graphics card.

7.   Write a short note on firewall security.

8.   List the types of laptops.

9.   List the advantages of NVM technology.

10.   What is an embedded system?

PART – B

11. (a) Discuss about the Xeon processor with neat diagram.

(Or)

(b) Write notes on USB and AGP.

12. (a) Describe the file system structure with neat diagram.

(Or)

(b) Discuss the types of keyboard and its functioning with neat diagram.

13. (a) Describe the common problems faced in graphics card.

(Or)

(b) Discuss about the BIOS advanced setup.

14. (a) Illustrate the installation of OS with neat diagram.

(Or)

(b) Explain the different components in servicing kit of mobile phone.

15. (a) Describe phase change memory operation and ferro electric random access memory (FeRAM).

(Or)

(b) Explain the working principle of RDMA with neat diagram.

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