1788

October 2024

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 processor socket.

2. Define AGP.

3. List the types of memory.

4. List out the types of printer.

5. Define BIOS.

6. Define error and error message.

7. Write about software up-gradation.

8. Define PDA. State its applications.

9. State Moore's law.

10. List any three challenges of RDMA.

[Turn over.....

PART – B

11. (a) Explain the AMD A10 series with neat diagram.

    (Or)

    (b) Illustrate the hub architecture with neat diagram.

12. (a) Describe the hard disk construction and working principle with neat diagram.

    (Or)

    (b) Discuss any four special I/O devices.

13. (a) Describe the SMPS working principle with neat diagram.

    (Or)

    (b) Discuss about the BIOS advanced set up.

14. (a) Explain the working principle of laptop with neat block diagram.

    (Or)

    (b) Discuss the fault finding and troubleshooting in mobile phones.

15. (a) (i) Describe about the non-volatile memory.(7)
        (ii) Discuss about the Magnetic Random Access Memory (MRAM).(7)

    (Or)

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

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