3460

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2014
DCM—FOURTH SEMESTER EXAMINATION

COMPUTER HARDWARE AND NETWORKING

Time : 3 hours]   [*Total Marks* : 80

PART—A   3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. List the important input and output devices.

2. What is form factor?

3. List any six options available in CMOS setup.

4. List different types of flash memories.

5. Write a short note on RDRAM.

6. List different troubleshooting tools.

7. Write a short note on VIRUS.

8. Write the differences between connection-oriented and connection-less services.

9. What are the limitations of IP addressing?

10. Write about twisted pair cables.

Instructions : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. *(a)* Explain about keyboard connector.

(b) Explain about mouse connector.

12. *(a)* Explain about Itanium processor.

(b) Explain different CPU slots.

13. *(a)* Explain about setting the CPU properties.

(b) Explain about setting the bus speeds.

14. Explain different functional units in DVD ROM.

15. Explain about different types of UPS.

16. Explain printer troubleshooting.

17. Explain the TCP/IP reference model with a neat sketch and give the functions of each layer.

18. Explain briefly about the following :

(a) Bridges

(b) Routers

(c) Gateways

★ ★ ★