C09–CM–403/C09–IT–**403**

3460

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2016
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. What is the use of system software?　　　3

2. Define form factor of system board.　　　3

3. Write a short note on North bridge.　　　3

4. Write about DDRAM.　　　3

5. Write a short note on RIMM.　　　3

6. Write a short note on virus.　　　3

7. List any three diagnostic softwares.　　　1×3=3

8. State the need for Star topology. 3

9. What is meant by masking? 3

10. Write about twisted pair cables. 3

PART—B 10×5=50

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. Explain briefly printer port connector.

12. *(a)* Explain about setting the CPU properties. 5

(b) Explain about setting bus speeds. 5

13. *(a)* Explain about Itanium processor. 5

(b) Explain different CPU slots. 5

14. Write short notes on : 2½×4=10

(a) RAID

(b) SATA

(c) EIDE

(d) SCSI

15. Explain the procedure to isolate computer problems.

16. Explain the troubleshooting procedure of system board.

17. Explain the classification of networks according to their size.

18. *(a)* Write about Telnet and SMTP protocol. 5

(b) Write about HTTP and HTTPS protocol. 5

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