



C09-IT-403

3497

BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2014
DIT—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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is the use of application software?
2. What is form factor?
3. Write a short note on north bridge.
4. Write about DDRAM.
5. Write a short note on DIMM.
6. Write a short note on antivirus software.
7. Write a short note on bootable rescues disc.

- * 8. State the need for networking.
- 9. List the advantages of twisted pair cables (UTP).
- 10. List the components of IP address.

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 the steps in booting process.
- 12. (a) Explain about Itanium processor.
(b) Explain different CPU slots.
- 13. (a) Explain about setting the CPU properties.
(b) Explain about setting bus speeds.
- 14. Write short notes on the following :
 - (a) Disk cleanup
 - (b) Disk backup
 - (c) Disk fragmentation
- 15. Explain the troubleshooting procedure of OS related problems.
- 16. Explain monitor troubleshooting.
- 17. Explain the classification of Networks according to their sizes.
- * 18. Explain briefly about the following :
 - (a) Repeater
 - (b) Routers
 - (c) Switch

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