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c09-CM-403

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BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2013
DCM—FOURTH SEMESTER EXAMINATION
COMPUTER HARDWARE AND NETWORKING

Time : 3 hours]

[Total Marks : 80

PART—A

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 POST?
2. Define form factor of system board.
3. List the functions of chipset.
4. List different types of ROMs and explain the purpose of each type.
5. Write short notes on RIMM.
6. List different troubleshooting tools.
7. What is the use of battery backup?
8. Define Network Topology.
9. Explain about Unshielded Twisted Pair (UTP) cables.
10. Explain how to create subnets in a network.

PART—B

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and the criteria for valuation is the content but not the length of the answer.

11. (a) What do you know about serial port connector?
(b) Write a short note on ROM BIOS.
12. (a) Write about different CPU form factors.
(b) Write about different CPU slots and supported processors.
13. (a) List the functions of CPU.
(b) Explain about various buses.
14. Explain different functional units in CD-ROM drive.
15. Explain the troubleshooting procedure of OS related problems.
16. Explain monitor troubleshooting.
17. Explain the classification of Networks according to their size.
18. Explain about the following :
- (a) Telnet
 - (b) SMTP
 - (c) HTTP
 - (d) TCP/IP

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