C14–CM–603/C14–IT–**603**

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BOARD DIPLOMA EXAMINATION, (C–14)
MARCH/APRIL—2017
DCME—SIXTH SEMESTER EXAMINATION

SYSTEM ADMINISTRATION

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 need for system administration?

2. Write briefly about Windows Server 2008 enterprise.

3. Write about local system account.

4. Define GROUP in Windows 2008 Server.

5. Write any three major tasks performed by the system administrator in managing file systems.

6. List any six shells available in LINUX system.

7. State the usage of grep command.

8. Write the short note on SAMBA.

9. List any six internet browsers.

10. What are the commands used to view the print queue and to remove jobs from print queue?

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. What are the responsibilities of system administrator?

12. Explain Windows 2008 Server environment.

13. *(a)* List the major optional services available in Windows 2008 Server.

(b) Explain the various types of firewalls and also explain how to enable and disable firewall.

14. Explain how to implement and configure VPN in Windows 2008 server.

15. Explain file systems user management.

16. Explain the installation of LINUX.

17. Explain the configuration of DHCP in LINUX.

18. List and explain any five security features offered by LINUX.

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