



C14-CM-603/C14-IT-603

4731

BOARD DIPLOMA EXAMINATION, (C-14)
OCT/NOV—2018
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. State the need for system administration.
2. Compare Windows NT with Windows 2008 server.
3. List various hardware requirements in Windows 2008 server.
4. Write about viewing a user's effective permissions in Windows 2008 server.
5. Write about DNS.
6. What is a desktop environment? List different environments in Linux.
7. State the usage of grep command.

- * 8. Write a short note on PPP.
- 9. What is a Web server?
- 10. What is a firewall? List different types of firewall.

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 system security through firewalls and antivirus software.
- 12. Write about various versions of Windows 2008 server.
- 13. (a) List and explain any five major optional services available in Windows 2008 server.
(b) Explain security features available in Linux.
- 14. Explain the steps involved in installation and configuration of Windows 2008 server.
- 15. Explain about configuring and implementing remote access server.
- 16. Explain the following commands :
 - (a) grep
 - (b) egrep
 - (c) fgrep
- * 17. Explain about user management in Linux.
- 18. Explain the network services provided in Linux.
