



C14-CM-603/C14-IT-603

4731

**BOARD DIPLOMA EXAMINATION, (C-14)**  
**MARCH/APRIL—2018**  
**DCME—SIXTH SEMESTER EXAMINATION**  
**SYSTEM ADMINISTRATION**

Time : 3 hours ]

[ Total Marks : 80

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**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 are the responsibilities of System Administrator?

2. What is the need of Windows server 2008?

3. Compare Windows 2008 server with Windows NT.

4. How can ports be managed in Windows 2008?

5. Describe VPN in Windows 2008.

6. List any three LINUX editors.

7. What are the advantages of LINUX?

- \* 8. Write about NFS in LINUX.
9. List any three browsers in LINUX.
10. What is the need 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. (a) Compare between Windows and LINUX. 5  
(b) Explain the configuration of TCP/IP. 5
12. List and explain Windows 2008 server components.
13. (a) Compare between various versions of Windows 2008 server. 5  
(b) Explain sending mail in LINUX. 5
14. Explain installing and configuring printer in Windows 2008 server.
15. Explain implementing and configuring Active Directory services forest.
16. Explain installation of LINUX.
17. Explain the process of configuring DHCP in LINUX.
- \* 18. Write short notes on the following : 5+5=10  
(a) Web server  
(b) Proxy server related to LINUX

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