C09–CM–**603**

3736

BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—2014
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. List Windows NT Network components.

2. How to convert FAT to NTFS?

3. List the differences between Windows NT and Windows 2003 server.

4. List Windows 2003 server components.

5. Write about the terminal services in Windows 2003 server management.

6. What is VPN?

7. Define remote access server.

* 8. Define shell and list their types.

9. Write about PPP.

10. Write about managing printers and print job in Linux administration.

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)* Explain about Windows NT Network services. 5

(b) Distinguish between various versions of Windows 2003 server. 5

12. *(a)* What are the hardware requirements need for Windows 2003 server environment? 5

(b) Explain the need for Windows server 2003. 5

13. Explain the process of implementing and managing the DFS in Windows 2003 server.

14. Explain the process of configuring and implementing routing services in Windows 2003 server.

15. Explain about configuring and implementing active directory services forest in Windows 2003 server.

16. *(a)* Explain about the basic filtering techniques in Linux. 5

(b) Explain the usage of grep, egrep and fgrep. 5

17. Explain about security and backup of data in Linux. 5+5

18. Explain about configuring DHCP in Linux.

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