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BOARD DIPLOMA EXAMINATION, (C-16)

MAY/JUNE—2023

DCME - FIFTH 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 of system administration.

2. Write any three differences between Windows OS and LINUX OS.

3. Write any three functionalities of Windows server 2008.

4. List any three recommended hardware requirements for Windows 2008 server installation.

5. State the importance of digital signature for a device driver.

6. What is VPN?

7. Write any three server roles of Windows 2008 server.

8. Write about pre-installation in LINUX.

9. Write about any two network services in LINUX.

10. How to configure internet access?

PART—B

10×5=50

Instructions : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. *(a)* Explain hard drive partitioning in detail. 5+5

(b) Differentiate between Windows NT and Windows 2008.

12. Explain any five Windows 2008 server components. 10

13. Explain installation and configuration of Windows 2008 server. 10

14. Explain any five files and folder NTFS permissions that are applied in Windows 2008. 10

15. Explain the implementing and configuring Active Directory services forest. 10

16. Explain grep, egrep, fgrep in LINUX with examples. 10

17. Explain the managing printers in LINUX in detail. 10

18. Explain in detail the SAMBA service in LINUX OS. 10

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