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BOARD DIPLOMA EXAMINATION, (C-16)

OCTOBER/NOVEMBER—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. What is meant by system administration?

2. What is antivirus software? State any two benefits of using it.

3. Write a short note on IIS web server role in Windows Server 2008.

4. List the services available in Windows Server 2008.

5. What is the purpose of files and folders NTFS permissions?

6. Write a short note on group in Windows Server 2008.

7. Define port.

8. What are the advantages of Linux?

9. Write a short note on sending mail in Linux.

10. Write about network services.

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)* Write about DNS configuration. 5

(b) List and explain any two editions of Windows 2008 Server. 5

12. *(a)* Differentiate between Windows NT and Windows 2008. 5

(b) What are Windows Server 2008 hardware requirements? 5

13. Explain the installation and configuration of Windows 2008 Server. 10

14. *(a)* Write short notes on device manager in Windows Server 2008. 5

(b) Discuss about file systems user management in Windows 2008 Server. 5

15. Explain the procedure for installing and configuring VPN Server in Windows Server 2008. 10

16. Explain any five filtering commands in Linux. 10

17. Explain the procedure for installation of Linux. 10

18. Write short notes on the following : 10

(a) Encryption

(b) Firewalls

(c) Authentication

(d) Virtual Machines

(e) Honey pots

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