C16-CM–**503**

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BOARD DIPLOMA EXAMINATION, (C-16)

AUGUST/SEPTEMBER—2021

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. Write any three responsibilities of system administrator.

2. Write in brief about firewall.

3. State the need for windows server 2008.

4. Write any three hardware requirements for windows server 2008.

5. Write in brief about drivers signing and signature.

6. What is the purpose of files and folder NTFS permissions?

7. List any six roles of windows server 2008.

8. Write about paste filter technique with syntax and example.

9. What is Samba?

10. State the purpose of backup of data in Linux.

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 how to perform partitions of hard disk.   5

(b) List and explain any two editions of windows 2008 server.   5

12. List and explain windows 2008 server components.   10

13. Explain and analyze the installation and configuration of windows 2008 server.   10

14. Describe the process of installing, managing and configuration printers in windows 2008 server.   10

15. What is remote access? Explain the process of configuring and implementing remote access server in windows 2008 server.   10

16. *(a)* Explain the pre-installation procedure for Linux server.   5

(b) Explain Egrep command with syntax and example.   5

17. Discuss in detail about the procedure of user and group managements in Linux server.   10

18. *(a)* Explain the functioning of PPP in Linux.   5

(b) Write the general procedure of configuring internet access.   5

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