C09–IT–405

3499

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—2015

DIT—FOURTH 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. Briefly write about Windows NT Server.

2. List different network protocols supported by Windows NT.

3. Write how to install optional services in Windows 2003 Server.

4. Write Hardware requirements of Windows 2003 Server.

5. What are to be considered in planning the installation of Windows 2003 Server?

6. What is the difference between Workgroup and Domain?

7. What is the importance of Active Directory in Windows Server 2003?

8. List at least three advantages of Linux operating system.

9. Explain traceroute Linux command.

10. List at least three NFS daemons in Linux with their functions.

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 the features of Windows NT.

(b) Compare the following features in Windows 2003 Server Standard Edition and Enterprise Editions :*(i)* Directory services and *(ii)* Security services.

12. Explain different editions of Windows 2003.

13. Explain the installation of Active Directory in Windows 2003 Server.

14. Explain installation and configuration of Terminal Services in Windows 2003 Server.

15. Explain the procedure to restore Active Directory in Windows 2003 Server.

16. Explain about any three filter commands with suitable examples.

17. Explain briefly about different types of Proxy Servers.

18. Explain briefly about the Network Services in Linux.

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