

Exam. Code : 303502

Subject Code: 6244

P.G. Diploma in Computer Application (PGDCA)

2nd Semester (Batch 2021-22)

NETWORK CONCEPTS AND MANAGEMENT

(Hardware Software, Setting in LINUX/UNIX/NT

Environment)

Paper—I

Time Allowed—3 Hours]

[Maximum Marks—50

Note :— Attempt **FIVE** questions in all selecting at least **ONE** question from each section. The **FIFTH** question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. Explain the working of each layer of OSI reference model.
2. Explain different types of hardware devices used in Networking.

SECTION—B

3. What is need of data compression ? Explain two data compression techniques.
4. What is PDC ? What does it do ? What is backup domain controller ?

SECTION—C

5. Explain the file system of Unix OS.
6. What is difference between Shell and Kernel ? Which are different shells available in Unix ?

SECTION—D

7. Compare the features of Windows NT and Unix OS.
8. Explain the important features of Linux OS.