

Roll No.

23076

**M. Tech. 3rd Semester
(Computer Engg.) Examination-
December, 2016**

SYSTEM AND NETWORK ADMINISTRATION

Paper : MTCE-705-A

Time : 3 hours Max. Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note: Attempt any **five** questions.

- 1.** Give a complete description about TCP/IP reference model with proper diagram. Also compare it with ISO-OSI model. (20)
- 2.** Describe the following : (20)

(a) DNS

23076-1600-(P-3)(Q-8)(16) (1) [Turn Over

(b) Fire Walls

6. Give a complete description about Host Administration. (20)

(c) Proxy Server

7. Explain the following : (20)

3. Explain the concept of security. Also explain its need and issues. (20)

(a) AWK

(b) Shell Scripting

4. Describe the following : (20)

(c) Administration based commands

(a) Access Control list

(b) IPSEC

8. Write short note on the following : (20)

(c) IDS

(a) Mail Server

(b) VAN

5. Explain the following : (20)

(c) Shadow Passwords

(a) Installation of Linux

(b) User Account

(c) Group Accounts

(d) UNIX Command

23076-1600-(P-3)(Q-8)(16) (2)

23076-1600-(P-3)(Q-8)(16) (3)