

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2011 – 12 and thereafter)

SUBJECT CODE: 11CS/PC/NA34

M.Sc. DEGREE EXAMINATION, NOVEMBER 2013
INFORMATION TECHNOLOGY
THIRD SEMESTER

COURSE : MAJOR CORE
PAPER : NETWORK MANAGEMENT AND ADMINISTRATION
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION – A

Answer all the following

10 * 2 = 20

- 1) Differentiate static and dynamic method of channel allocation.
- 2) Define MAN.
- 3) List out the class view of control panel.
- 4) Write about the roles of a server.
- 5) What is FAT?
- 6) Why do we do disk cleanup?
- 7) Write note on Ping.
- 8) What is DNS?
- 9) What do you mean by roaming?
- 10) List out the applications of WLANs.

SECTION – B

Answer any SIX from the following :

6 * 5 = 30

- 11) Compare any three types of network topology.
- 12) Discuss the benefits of PASS model.
- 13) Explain the steps to be followed in server sizing exercise.
- 14) What is defragmentation? Explain.
- 15) Explain the disaster recovery procedure.
- 16) Explain Active Directory Domain Services.
- 17) What is the need for WLANs? Compare it with wired LANs.
- 18) Explain Bluetooth.

SECTION – C

Answer any FIVE from the following :

5 * 10 = 50

- 19) Describe the OSI reference Model.
- 20) Explain any four interconnecting devices in detail.
- 21) Describe the server life cycle in detail.
- 22) Explain backups in detail.
- 23) Explain Forest/Tree/Domain Strategy.
- 24) Explain the design of security policy.
- 25) Explain the architecture of IEEE 802.11 with suitable diagram.
