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Roll No

MCIT-102
M.E/M.Tech., I Semester
Examination, December 2016
Internet Technology
Time : Three Hours

Maximum Marks : 70

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Explain multiplexing and demultiplexing with suitable example. 7
b) Why need for multiple protocols? Explain. 7
2. a) What are the five layers in the internet protocol stack? What are the principal responsibilities of each of these 7

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5. a) Explain TELNET protocols and write port number of following protocols : 7
i) TELNET
ii) FTP
iii) TFTP
iv) SMTP
b) Explain Network topology services. 7
6. a) Discuss the concept of configuration management and inventory management. 7
b) Explain LAN and communication monitors. 7
7. Explain following term : 14
a) Fault management
b) Security management
8. Write a short notes (any two) : 2×7=14
a) Network capacity planning
b) Remote procedure call
c) Line monitors
