

Roll No

MCIT-102
M.E/M.Tech., I Semester
 Examination, December 2015
Internet Technology
Time : Three Hours

Maximum Marks : 70

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

1. a) What is protocol? Explain its characteristic?
 b) Explain multiplexing and de-multiplexing in detail.
2. a) What is internet protocol? Explain the architecture of internet with the help of internet diagram.
 b) Explain in detail transmission control protocol and TCP segment format.
3. a) Differentiate between FTP and SMTP.
 b) Explain in detail RIP.
4. a) Explain the following:
 i) GGP
 ii) External gateway
 b) What are the instruments supporting physical network management, Explain in detail all.

5. a) Define Fault management. Explain Fault management function.
 b) Write short notes on:
 i) Security management
 ii) Accuracy management
6. a) What are the network topology services explain in detail?
 b) What is configuration management? Explain its function.
7. a) What is application layer? Explain any two type of application layer.
 b) Compare and explain LINE monitor and LAN monitor.
8. a) What is X-window system protocol explain in detail.
 b) Explain in detail capacity planning.
