Roll No. ☐☐☐☐☐☐☐☐☐☐

MCA-9, MSc.(CA)-8
2ⁿᵈ Year Examination, Calendar Batch 2016
Computer Networks

Time : 3 Hours]   *[Max. Marks : 100*

Note. *Attempt any five questions. All questions carry equal marks.*

Q.1 What do you understand by IP multicasting? Discuss multicasting routing protocols.

Q.2 Discuss TCP congestion control and Timer management.

Q.3 **(a)** Explain the Gigabit Ethernet? **(b)**Describe Extension and option support for QoS?

Q.4 Write short notes on.
 (a) Digital Certificates.   **(b)** Firewall.   **(c)** Network Security.

Q.5 **(a)** Describe the apple talk?   **(b)** Describe the Digital Network Architecture .

Q.6 Explain the OSI model?

Q.7 **(a).** Discuss various protocols of IPV6? **(b).** Describe various Security factors?

Q.8 What is mobility in Network? Explain why there is need of Network Security.