



Code: 9D08202

M.Tech II Semester Supplementary Examinations February 2018

**MOBILE ADHOC NETWORKS**

(Computer Networks)

(For students admitted in 2012, 2013, 2014, 2015 & 2016 only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions  
All questions carry equal marks

\*\*\*\*\*

- 1 (a) Differentiate between cellular network and Ad-Hoc wireless networks.  
(b) Discuss about Ad-Hoc networks with its significant aspects.
- 2 (a) Distinguish between TDMA and CDMA with neat sketches.  
(b) List and explain various functions of medium access control.
- 3 Define DHCP. Explain in detail about DHCP.
- 4 (a) Illustrate about the approach of mobile TCP.  
(b) Explain about transmission and time-out freezing.
- 5 (a) Explain about TORA with an example.  
(b) Identify various issues in designing a routing protocol for Ad-Hoc wireless networks.
- 6 (a) Briefly discuss about operation of multicast routing protocol.  
(b) Explain the classification of multicast routing protocol.
- 7 (a) Identify various issues in designing a transport layer protocol in Ad-Hoc wireless networks.  
(b) Discuss about the security in Ad-Hoc wireless networks.
- 8 (a) Discuss in detail about IEEE802.11e standard.  
(b) Explain about on demand QoS routing protocol.

\*\*\*\*\*

