

Code: 9D08202

M.Tech II Semester Supplementary Examinations August/September 2018

MOBILE ADHOC NETWORKS

(Computer Networks)

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

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Differentiate between infrared transmission and radio transmission.
(b) Discuss in detail about IEEE802.11 standard.
- 2 (a) Distinguish between FDMA and SDMA with neat sketches.
(b) List and explain various functions of medium access control.
- 3 Explain in detail about the integration of Ad-hoc with mobile IP networks.
- 4 (a) List and explain advantages and disadvantages of indirect TCP.
(b) Explain various comparison approaches for mobile TCP.
- 5 (a) Describe DSR algorithm with an example.
(b) Identify various characteristics of wireless channel.
- 6 (a) Briefly discuss about Mesh based multicast routing protocol.
(b) Explain Ad-hoc on demand vector routing protocol.
- 7 (a) Discuss about various design goals of a transport layer in Ad-hoc wireless networks.
(b) Discuss about various network security attacks in Ad-hoc wireless networks.
- 8 (a) Explain about battery management schemes.
(b) Discuss briefly about energy management in Ad-hoc wireless networks.
