

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech. Winter 2017 - 18 Examination

Semester: 1
Subject Code: 03205101
Subject Name: Wireless Adhoc Network

Date: 26/12/2017
Time: 2:00 pm to 4:30 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1** A) List the Features of Cellular System. (05)
B) How to re-use the frequency in cellular communication? (05)
C) How to classify MAC protocols? (05)

Q.2 Answer the following questions. (Attempt any three)

- A) Differentiate Ad-hoc and cellular networks. (05)
B) How hidden/exposed terminal creates problem? (05)
C) Explain in detail about D-PRMA protocol. (05)
D) Elaborate a note on Distributed Priority Scheduling. (05)

- Q.3** A) What are the issues in designing a Routing Protocols for Ad Hoc Wireless Networks (07)
B) How do On-Demand Routing happens? (08)

OR

- B) Classify the Transport Layer Protocols (08)

- Q.4** A) Write Short Notes on Security Requirements in WAN. (07)

OR

- A) How routing is performed in wireless Adhoc sensor network? (07)
B) Describe about key management in Adhoc network. (08)