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| Seat No. | |
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SL-480

Total No. of Pages : 2

B.E. (Computer Science and Engineering) (Semester - VII)
Examination, May - 2017

AD HOC WIRELESS NETWORK (Elective - I)

Sub. Code : 67547

Day and Date : Thursday, 18 - 05 - 2017

Total Marks : 100

Time : 2.00 p.m. to 5.00 p.m.

- Instructions :
- 1) Solve any three questions from each section.
 - 2) Figures to the right indicate full marks.
 - 3) Make necessary assumptions if required.

SECTION-I

- Q1) a)** What are the applications of Ad Hoc wireless network? [8]
b) Explain MACA-By Invitation in detail. [8]
- Q2) a)** What are the deployment considerations for Ad Hoc wireless network? [8]
b) Explain Receiver Initiated Busy Tone protocol for MAC layer. [8]
- Q3) a)** Write note on Classifications of Routing Protocols. [9]
b) What is the major difference between DSR and AODV? Explain AODV protocol in detail. [9]
- Q4) a)** Explain CGSR protocol in detail. [8]
b) Explain ZHLS protocol in detail. [8]

SECTION-II

- Q5) a)** Explain Bandwidth Efficient Multicast Routing Protocol. [9]
b) Why TCP does not perform well in Ad Hoc wireless network. [9]

P.T.O.

- Q6)** a) Explain Operations of Multicast routing protocols with Source Initiated and Receiver Initiated approach. [8]
b) What are the issues and challenges in security provisioning in Ad Hoc wireless network. [8]
- Q7)** a) Explain SWAN QoS model in detail. [8]
b) Explain Core Assisted Mesh Protocol in detail. [8]
- Q8)** a) Explain Feedback-Based TCP protocol with example. [8]
b) What are device and processor energy management schemes? [8]

