SV - 216

Total No. of Pages : 2

Seat No.	

B.E. (Computer Science and Engineering) (Semester - VII) Examination, May - 2019

Ad HOC Wireless Network (Elective - I)

Sub. Code : 67547

Day and Date : Tuesday, 07 - 05 - 2019 **Total Marks : 100**

Time : 02.30 p.m. to 05.30 p.m.

Instructions :
1) **Solve any three questions from each section.**
2) **Figure to right indicates marks.**
3) **Make necessary assumptions if required.**

SECTION - I

Q1) a) What are the deployment considerations for Ad Hoc network? [8]

b) Explain Receiver Initiated Busy Tone protocol for MAC layer. [8]

Q2) a) Explain CGSR protocol in detail. [8]

b) What is the effect of distributed nature/lack of central coordinator in Ad Hoc Network? [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) How MARCH works? Explain in details. [8]

b) ZRP belongs to which category of routing protocol? Explain ZRP protocol in detail. [8]

P.T.O.

SECTION - II

Q5) a) Explain Operations of Mutlicast routing protocols with Source Initiated and Receiver Initiated approach. [9]

b) What are the issues and challenges in security provisioning in Ad Hoc network. [9]

Q6) a) Explain Feedback-Based TCP protocol with example. [8]

b) What are device and processor energy management schemes? [8]

Q7) a) Explain SWAN QoS model in detail. [8]

b) Explain Mulitcast Zone Routing Protocol protocol in details. [8]

Q8) a) What are the classifications of Energy Management Schemes? [8]

b) What are the challenges in providing QoS in Ad Hoc network? [8]

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