

WIRELESS NETWORK & COMPUTING

(Elective-IV)

Time: Three Hours Maximum Marks: 100 Minimum Pass Marks : 35

Note : Attempt any five questions. All questions carry equal marks.

1. (a) Write a detailed note on mobile Ad-hoc networks.
(b) Explain snooping TCP. What are its advantages and disadvantages ?
2. (a) Explain in detail about context aware computing,
(b) Explain bluetooth protocol and protocol stack.
3. With necessary diagrams explain the different types of Random Access methods of mobile data services.
4. (a) Explain the overview of the IEEE 802-11.
(b) With necessary diagrams explain the Hyperlan-1 requirements and architecture.
5. (a) How handover takes place in indirect TCP ?
(b) Explain the queue processing of data.
6. What are the requirements associated with the mobile IP standard ? How they are met by mobile IP ?
7. (a) Explain the errors in wireless network, which degrade TCP performance ?
(b) What are the steps involved in retrieving the indexed data frames ?
8. Write short notes on the following :
 - (a) DM
 - (b) Linear predictive coding
 - (c) Media access control