

B.E/ B.Tech (Full time) Arrear Examination APRIL/MAY 2014
Electronics and Communication Engineering
Semester -7
EC 9024 Wireless Networks
Regulation 2008

Duration: 3 hrs

Max marks: 100

Answer All Questions
Part -A

10 * 2 =20 Marks

1. List out the major challenges faced by WLAN industries in recent days.
2. State difference between HIPERLAN 1 and HIPERLAN 2.
3. List out the services offered by UMTS.
4. What are the advantages of TDD based radio access method over tradition FDD network.
5. How convergence in high level can be defined.
6. List out the technical attributes of WiBro.
7. Highlight the salient features of ad hoc networks
8. Compare Hierarchical routing with flat routing.
9. What are the objectives of interworking
10. Define session mobility.

PART – B

5 x 16 = 80 marks

11. a. Discuss the technical issues related to Physical and MAC layer of WLAN addressed by IEEE 802.11 standard.
b. Compare and contrast HiPERLAN with IEEE 802.11 WLAN.
12. a. With neat sketch, describe the architecture of 3GPP networks
(OR)
b. Compare and contrast TD-CDMA with TD-SCDMA
13. a. Discuss any two routing protocol of wireless sensor network
(OR)
b. Discuss any two routing protocol of Mobile Ad hoc network
14. a. Explain Local Multipoint Distribution Service
(OR)
b. Explain Multichannel Multipoint Distribution Service
15. a. Write a brief note on various convergence devices
(OR)
b. With neat sketch, describe the architecture of IMS

*****ALL THE BEST *****