

Register Number:  
Name of the Candidate:

**B.Sc. DEGREE EXAMINATION, May 2015**

**(SYSTEM AND NETWORK ADMINISTRATION)**

**(SECOND SEMESTER)**

**(PART-III)**

**230: WI-FI NETWORKS**

Time: Three hours

Maximum: 100 marks

**Answer any FIVE questions**

**(5×20=100)**

1. Write short notes on:
  - a) Wireless local area network (10)
  - b) Domain and Work group (10)
2. Write the steps to connect and configure the wireless network. (20)
3. Explain the architecture of IEEE 802.11 Wireless LAN with a neat sketch. (20)
4. Discuss the difference between 802.3 standard and 802.11 Wireless standard. (20)
5. Explain the various Wireless network attack with corresponding preventing measures. (20)
6. Write a Technical note on:
  - a) Encryption and Cracking (10)
  - b) Hijacking (10)
7.
  - a) Explain Narrow band control and wide band control Interference. (10)
  - b) RF interface Co-channel and adjacent channel. (10)
8. Discuss the steps involved in trouble shooting network connectivity. (20)
9.
  - a) Explain IP configuration in detail. (10)
  - b) Describe how the challenges are implemented in Wireless Network. (10)
10. Write short notes on:
  - a) Weather Problem (10)
  - b) Near-far problem (10)

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