

## Question Bank (I scheme)

Name of Course: Wireless and Mobile Network (WMN) Course Code: 22622

Unit Test: I

Program: IF6I

Semester: VI

### Chapter No: 1 Basics of PCS and GSM(12 marks)

**2 marks:**

1. State any four features of GSM
2. What is Roaming?
3. Which are different types of areas in GSM?

**4 marks:**

1. With neat block diagram explain PCS Architecture.
2. State various GSM control channels in brief.
3. Explain GSM Architecture in detail with neat sketch
4. Describe signal processing in GSM in detail.
5. Describe Call Processing in GSM.
6. With neat diagram, describe Hand Off procedure.

### Chapter No: 2 GPRS and Mobile Data Communication(12 marks)

**2 marks:**

1. State four applications of GPRS.
2. Compare:GSM and GPRS.
3. List features of Bluetooth.
4. Write short note on Agents.
5. Write characteristics of GPRS.

**4 marks:**

1. Explain GPRS Architecture in detail with neat diagram.
2. List and describe data services in GPRS.
3. Describe Routing of packets in GPRS.
4. Explain Logical Channels in GPRS.
5. Explain Wi-Fi.
6. Draw and Explain block diagram of RFID.
7. Write the concept of Wi-Max
8. Write note on: Mobile IP.
9. Explain Bluetooth technology.

### Chapter No: 3 Wireless Application Protocol and 3G Mobile Services(12 marks)

**2 marks:**

1. List features of CDMA.
2. State applications of WAP.
3. Enlist the specifications of IMT 2000.

**4 marks:**

1. Explain in detail concept Wireless Application Protocol(WAP)
2. Write note on a) WAP gateway b) WAP Protocol.