Question Bank (I scheme)

**Name of Subject: Mobile and wireless communication. (MWC) Unit Test: II**

**Subject Code: 22533 Course: EJ5I Semester: V**

**Chapter 3 : Digital Cellular Mobile standards (16 marks)**

**2 Marks**

1. State the key features of IS 95 CDMA.
2. State the function of HLR and VLR.
3. State the services of SS7.
4. State the function of OMC and AUC.

**4 Marks**

1. Explain the call flow sequence in GSM.
2. Draw and Explain CDMA architecture.
3. Explain SS7.
4. State and explain GSM logical channel.

**Chapter 4: Advance wireless standards (18 marks)**

**2 Marks**

1. State advanced wireless standards.
2. List coding methods used in CDMA.
3. State features of WCDMA.
4. State advantages of 4G.

**4 Mark**

1. State Air interface specifications of UMTS.
2. Compare UMTS and CDMA.
3. Explain WCDMA.

**Chapter 5: Wireless network technologies (12 marks)**

**2 Marks**

1. State any four features of Bluetooth.
2. State applications of MANET.
3. Explain RFID.
4. State types of wireless network technologies.

**4 Marks**

1. Explain Wimax.
2. Explian Bluetooth
3. Explain WLAN and WMAN.
4. Explain MANET.