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Question Paper Code: 52202

M.E. DEGREE EXAMINATION, MAY 2017

Elective

Communication Systems

15PCM511 - MOBILE COMMUNICATION NETWORKS

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

(PART A - 5x20=100)

1. (a) Explain channel assignment scheme implemented in PCS. (20)
Or
(b) Explain various types of hand off management schemes implemented in PCS. (20)
2. (a) Explain HSCSD and GPRS with neat diagram. (20)
Or
(b) Discuss network signaling in GSM. (20)
3. (a) Discuss about GPRS Network nodes. (20)
Or
(b) Discuss various functional groups in GPRS and its structural design with neat diagram. (20)
4. (a) Discuss IMT 2000 radio aspects in detail. (20)
Or
(b) Draw and explain the functional structural diagram of IMT 2000. (20)

5. (a) Explain frame structure of SRMA and FPRP with its diagram. (20)

Or

(b) Explain distributed packet reservation and HOP reservation multiple access protocols. (20)
