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Question Paper Code: 55Q11

M.E. DEGREE EXAMINATION, NOV 2019

Elective

Communication Systems

15PCM511 - MOBILE COMMUNICATION NETWORKS

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Explain the flow chart of Subtracting scheme in detail. CO1- U (10)
Or
(b) Explain the Mobility management in PCS network. CO1- U (20)
 2. (a) Explain GSM and GPRS Architecture with neat diagram. CO2-U (20)
Or
(b) Discuss the data services in GSM. CO2- U (20)
 3. (a) Discuss various WLAN standards. CO3- U (20)
Or
(b) Explain the local area network implement the spread-spectrum technology. CO3-U (20)
 4. (a) Explain the Functional Network architecture of IMT 2000. CO4- U (20)
Or
(b) Discuss IMT 2000 radio aspects in detail. CO4- U (20)
 5. (a) Explain the classification of MAC protocols in detail. CO5- U (10)
Or
(b) Explain D-PRMA and HRMA. CO5- U (20)
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