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Question Paper Code: U6203

M.E. DEGREE EXAMINATION, APRIL/ MAY 2025

Professional Elective

Communication Systems

21PCM603 - IOT FOR SMART APPLICATIONS

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Explain about the internet of things today, time for convergence, towards the IOT universe, internet of things vision in detail. CO1- U (20)
Or
(b) How IOT is used in day today life and Data Management, Security, Privacy & Trust, Device Level Energy Issues. CO1- U (20)
2. (a) Explain about generic M2M solution in detail. CO2- U (20)
Or
(b) Discuss about data management regarding IoT in detail. CO2- U (20)
3. (a) Describe about IoT Reference Architecture in detail. CO1- U (20)
Or
(b) Explain about deployment and operational view of IoT in detail. CO1- U (20)
4. (a) Discuss about Value Creation from Big Data and Serialization, IoT for Retailing Industry. CO4- App (20)
Or
(b) Discuss about Home Management, eHealth application using IOT. CO4- App (20)
5. (a) Discuss about the remedial action for privacy and security issues in IOT. CO5- App (20)
Or
(b) Discuss about data aggregation for smart city in detail CO5- App (20)

