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Question Paper Code: 55S04

M.E. DEGREE EXAMINATION, NOV 2018

Third Semester

Communication Systems

15PCM504 - High Performance Communication Networks

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Explain about the layers & its functions of OSI model. CO1- U (20)
Or
(b) What is switching? Explain about the types of switching CO1- U (20)
2. (a) Explain about the protocols used for real time interactive applications. CO2- U (20)
Or
(b) What is streaming? Explain about the streaming of stored audio and video. CO2- U (20)
3. (a) What is VPN? Explain about tunneling in VPN's. CO3- U (20)
Or
(b) Describe in detail about routing & P2P connections. CO3- U (20)
4. (a) Explain about poisson traffic modelling in detail. CO4- U (20)
Or
(b) Explain the various Queuing Disciplines in detail. CO4- U (20)
5. (a) Discuss in detail about the SNMP key distribution and certification. CO5- U (20)
Or
(b) Explain how a private network can be protected from attack? Give counter measures. CO5- U (20)

