Paper / Subject Code: 88908 / Advance Computer Network

Tin	ne: 3 Hours	Marks: 80
No	te:	15 Pin
1.	Question 1 is compulsory.	
2.	Attempt any 3 questions out of the remaining questions.	
Q1.		
a.	What are the advantages of a multipoint connection over a point-to-point connection?	05
b.	What is the relationship between SONET and SDH?	05
c.	Explain concept of packet switching	05
d.	Compare RIP and OSPF	05
Q2.		
a.	Explain IGMP and give its message format in detail	10
b.	Discuss the functions of each SONET layer.	10
Q3.		
a.	Explain the purpose of MIB and structure of MIB.	10
b.	Explain Queuing model and its uses for traffic engineering. Explain	10
	M/M/1 queuing model in detail.	
Q4.		
a.		10
b.	Explain RSVP. Explain its features and working.	10
Q5.		
a.	Explain Network Management Model.	10
b.	Describe H.323 protocol	10
	. Write a short note on (any 4)	
		0.5
a. b.	Optical Networking Short note on MOSPF	05 05
о. с. с	BGP Message Header Format	05
d.	Performance management and its purpose	05
e.	Commonly used WAN technologies and services	05
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27533 Page **1** of **1**