Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: 2020-21	**School of Technology**	**Department: CSE**
Course Code: CST214	**Course Title: Computer Networks**	**Semester :IV**
Day and Date: 24.06.2021,Thursday	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Answer the following (any two)**			
	a)	What are the advantages of fiber optic cable? Explain the modes of operation.	8	L2	1
	b)	What is Multiplexing? Explain Code & Time Division Multiplexing	8	L2	2
	c)	Explain Stop & Wait ARQ Protocol	8	L2	2
Q.2		**Answer the following (any two)**			
	a)	Explain OSPF Protocol in detail.	8	L2	3
	b)	Explain DHCP Protocol in detail.	8	L2	3
	c)	Draw and explain IPv6 header format in logical addressing	8	L3	4
Q.3		**Answer the following (any two)**			
	a)	Explain the need for the DNS and describe the protocol functioning	9	L2	5
	b)	Draw UDP packet format and give the details of it.	9	L3	4
	c)	Describe TCP header format in detail.	9	L3	4

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