Paper / Subject Code: 31923 / Computer Network

TECCOMP) | SEM V | R-19 | FA -28 29-08-23

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(3 Hours)		Question 1 is compulsory of remaining assume suitable data wherever necessary	1027
Note: (1) Question 1 is compulsory			
(2) Solve any three questions out of remaining			
	(3) A	ssume suitable data wherever necessary	
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Q.1		Solve any lour	i -
	(a)	Explain principle differences between connection less and connection	- C
	a.v	oriented communication. What is channel allocation problem?	1.0
	(b) (c)	Find the error, if any, in the following IPv4 addresses.	4 , 1
	(0)	(i) 221.24.7.8.20 (ii) 75.45.351.14 Differentiate between TCP and UDP Write short note on SMTP.	5 31
	(d)	Differentiate between TCP and UDP	.53
	(e)	Find the error, if any, in the following IPv4 addresses. (i) 221.24.7.8.20 (ii) 75.43.351.14 Differentiate between TCP and UDP Write short note on SMTP. Describe OSI reference model with a near diagram. [10]	· Con
Q.2	(a).	Describe OSI reference model with a near diagram.	
	(b)	Explain different framing methods. [10	1
Q.2 Q.3 Q.4	(-)	Explain different types of guided transmission media in detail.)]
Q:S	(a) (b):	Explain stiding window protocol using selective repeat technique. [10]	
10	house		NT "
Q.4	(a)	Explain Link State Routing with suitable example. [10] What is need of DNS and explain how DNS works? [10]	
, Q	(p)	What is need of DNS and explain flow DNS works:	' 1
Q.5	(a)	Explain IPv4 header format in detail.	-
50°	14 M	Explain Three Way Handshake Technique in TCP. [10)]
0	(a)	Explain leaky bucket algorithm and compare it with token bucket algorithm. [10])]
\$\frac{\lambda}{\lambda}\rightarrow \frac{\lambda}{\lambda}\rightarrow \frac{\lambda}{	(b)	Write short notes on: (i) TCP Timers (ii) HTTP	
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233	i pro	Explain leaky bucket algorithm and compare it with token bucket algorithm. Write short notes on: (i) TCP Timers (ii) HTTP [10]	
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