DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COMPUTER NETWORKS (22CCPC42)

Mid -II Assignment Questions

II-B.TECH II-SEM

Note: SET-1 writes first 25% students
SET-2 writes next 25% students
SET-3 writes next 25% students
SET-4 writes last 25% students

ANSWER ALL THE QUESTIONS
SET-1

S.No	Question	BTL	CO	PO	Unit
1	Discuss the Dijsktra's routing algorithm in detail.	2	CO3	PO1,PO2,PO12	III
2	Discuss about Inter-network Routing?	2	CO4	PO1,PO2,PO12	IV
3	Explain the function of ARP & RARP.	2	CO4	PO1,PO2,PO12	IV
4	Compare TCP and UDP Protocols.	2	CO5	PO1,PO2,PO12	V
5	Explain the working principle of FTP in detail with neat diagram?	2	CO5	PO1,PO2,PO12	V

SET-2

S.No	Question	BTL	CO	PO	Unit
1	Explain token bucket algorithm with neat diagram.	2	CO3	PO1,PO2,PO12	III
2	Compare the header format of IPV4 with IPV6.	2	CO4	PO1,PO2,PO12	IV
3	Explain in detail about the services provided to the upper layers in transport layer.	2	CO4	PO1,PO2,PO12	IV
4	Discuss how the Simple Mail Transfer Protocol (SMTP) is useful in electronic mail?	2	CO5	PO1,PO2,PO12	V
5	Explain the methods of HTTP briefly.	2	CO5	PO1,PO2,PO12	V

SET-3

S.No	Question	BTL	CO	PO	Unit
1	Discuss about the concept of leaky bucket algorithm?	2	CO3	PO1,PO2,PO12	III
2	Explain ARP Protocol with header format.	2	CO4	PO1,PO2,PO12	IV
3	Explain three way handshaking connection mechanisms in TCP?	2	CO4	PO1,PO2,PO12	IV
4	Explain in detail about the Real Time Transport Protocol	2	CO5	PO1,PO2,PO12	V
5	Define DNS? Explain domain hierarchy and name servers in detail?	1	CO5	PO1,PO2,PO12	V

SET-4

S.No	Question	BTL	CO	PO	Unit
1	Explain the distance vector routing algorithms? With an example.	2	CO3	PO1,PO2,PO12	III
2	Describe about TCP connection establishment and connection release	1	CO4	PO1,PO2,PO12	IV
3	Write a note on Dynamic Host Configuration Protocol?	1	CO4	PO1,PO2,PO12	IV
4	Discuss UDP header format in detail with neat diagram.	2	CO5	PO1,PO2,PO12	V
5	Describe in detail about E-mail?	1	CO5	PO1,PO2,PO12	V

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Submit assignments on or before 28-6-2023