

## **COMPUTER NETWORKS**

### II Mid Important Questions

<b>UNIT - IV</b>						
<b>1</b>	<b>a).</b>	Explain in detail the operation of pure ALOHA and slotted ALOHA?				
	<b>b).</b>	Explain briefly about CSMA Protocols?				
<b>2</b>	<b>a).</b>	Explain Collision-Free Protocols?				
	<b>b).</b>	Explain 802.11 frame structure and services?				
<b>3</b>	<b>a).</b>	Discuss about CSMA/CD Protocol and its basic functions?				
	<b>b).</b>	Explain IEEE 802.11 architecture and protocol stack?				
<b>Unit - V</b>						
<b>1</b>	<b>a).</b>	Explain Dijkstra's shortest path routing algorithm with suitable example.				
	<b>b).</b>	How is the connection-oriented service implemented? Explain.				
<b>2</b>	<b>a).</b>	Explain distance vector routing algorithm with an example?				
	<b>b).</b>	Illustrate routing of packets with an Virtual Circuit Subnet?				
<b>3</b>	<b>a).</b>	What is static routing algorithm? Explain the concept of flooding?				
	<b>b).</b>	Describe the general principles of congestion control?				
<b>UNIT - VI</b>						
<b>1</b>	<b>a).</b>	Draw and explain the each field in the TCP segment header?				
	<b>b).</b>	Briefly discuss about Electronic Mail?				
<b>2</b>	<b>a).</b>	Describe the importance of DNS in application layer?				
	<b>b).</b>	Explain in detail three way handshaking for connection establishment in TCP?				
<b>3</b>	<b>a).</b>	Explain TCP Connection management Finite State Machine? Explain all states in it?				

	<b>b).</b>	Write short notes on Remote Procedure Call (RPC).				
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