**UNIT-3: Question Bank-CO5**

**Chapter 9:** **Transport Layer:**

1. What are the services provided at the transport layer?-12M
2. How flow control can be handled in transport layer-6M
3. Differentiate between connection oriented and connectionless service -8M
4. Define UDP. Explain UDP packet format-6M
5. Explain UDP services and its applications -8M
6. Define TCP. What are its services -8M
7. What is TCP segment? Explain TCP segment format in detail -8M
8. Explain in detail how TCP establishes connection-10M
9. Write on how TCP terminates connection -8M
10. What is STCP? Mention its services and packet format with neat diagram -12M

**Chapter 10: Application Layer:**

1. Write a note on :i) Client-server paradigm ii) Peer-to-peer paradigm -10M
2. Explain HTTP request and response message formats with example-10M
3. Write a short note on : i)World Wide Web iii)FTP iv)SMTP -5M\*3
4. Why do we need DNS. Explain its purpose-8M