

NETWORKS

K3 Questions:

Unit-I:

1. Classify the uses of computer networks?
2. Comparing between the LAN VS MAN
3. Comparing between the MAN VS WAN
4. Comparing between the WAN VS LAN
5. Inspect the protocol hierarchies? Describe with the diagram.
6. What are the issues to keep in the mind while designing layers?

Unit-II:

1. Examine the design issues for data link layer?
2. What is the framing? And classified it.
3. Analysis the finite state machine model with diagram.
4. Analysis the pertinent model with diagram.
5. Assume in detail about the framing and its algorithm

Unit-III:

1. Simplify about the optimality principals in network layer.
2. What is the internetwork? And conclude it.
3. Explain the concept of fragmentation.
4. Illustrate the concept of shortest pat rooting.
5. Simplify the principals of congestion control.

Unit-IV:

1. Summarise the details about the transport layer.
2. Simplify the transport service primitives.
3. Explain about the establishing a connection.

Unit-V:

1. Demonstrate the concept E-mail.
2. Explain the details about the MIME.
3. Compare between the SMTP VS HTTP.
4. Demonstrate the concept WWW.

K4 and K5 Questions:

Unit-I:

1. Relationship between the LAN, WAN AND MAN.
2. Compare the connection oriented and connection less service
3. Draw an outline of OSI reference model and describe it.

Unit-II:

1. Comparing between the error control and flow control.
2. What is mean by error detection code? and analysis the concept.
3. Analysis the concept of error correction code? and explain briefly.
4. To categorize the finite state and pertinent machine model in data link layer.

Unit-III:

1. Describe the function of routing algorithm.
2. Explain congestion control algorithm and its principals & policies.
3. What is fragmentation in internetworking? Discuss briefly.
4. How network differ and concatenate virtual circuit.

Unit-IV:

1. What are the services provided by transport layer to the upper layer.
2. What is the crash recovery? and explain briefly.
3. Compare between the establishing a connection and releasing a connection.
4. List out the elements of transport layer protocols.

Unit-V:

1. Explain in detail about (i)Electronic mail (ii) WWW
2. Explain about (i) SMTP (ii) HTTP
3. Classified by the client side & server side http.
4. What is the message formats? And classified it.