

Question 1: _____ is less complex and easy to understand.

- TCP
- UDP
- IP
- None of the given

Question 2: Router that decrements TTL to _____ sends ICMP time exceeded message, with router's address as source address

- 3
- 2
- 1
- 0

Question 3: The bridges communicate with each other on the network and use _____ algorithm to decide which bridge will not forward frames if a cycle occurs.

- Dijkstra
- Shortest path first
- Vector distance
- Distributed Spanning Tree

Question 4: Dotted decimal notation is a syntactic form the IP software uses to express _____ binary values when interacting with humans.

- 8-bit
- 16-bit
- 32-bit
- 64-bit

Question 5: To span long distances or many computers, networks must replace shared medium with _____.

- segment transformation
- fiber optices
- packet switches
- None of the above

Question 6: The process of using a routing table to select a next hop for a given datagram is called _____

- Encapsulation
- Reassembling
- Routing or forwarding