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QUIZ 3

Choose the correct answers:

1. .... enable two stations (or nodes) using a shared communication resource to establish, maintain and terminate a connection.
(a) Physical layer.   (b) LLC sublayer   (c) MAC sublayer

2. .... causes by temporary overload in system.
(a) Congestion   (b) Bandwidth   (c) Transmission rate

3. In ...., the basic principle is to group a bundle of connections with the same source and destination
(a) virtual-path routing.   (B) Deflection routing   (C) Lightwave routing

4. The objectives of flow control/congestion control is to prevent ....
(a) deadlocks   (b) transmission   (c) Noise

5. In CSMA, The channel is sensed idle while it is actually busy due to..............
(a) Transmission delay.   (b) Propagation delay.   (c) Collision.

6. In .... the route is decided individually.
(a) centralized control   (b) deterministic control   (c)distributed control

7. Flow control/congestion control takes place in .... to control the flow between two neighboring nodes in the network.
(a) Data Link Layer   (b) Network Layer   (c) Transport Layer

8. .... protocols are designed for packet recovery due to packet errors or loss
(a) Traffic Policy   (b) Error Control   (c) Congestion Control

9. .... multiplexer have channels with the same clock frequency, and they are all synchronized to a master clock.
(a) Digital Asynchronous   (c) Digital Synchronous   (c) Analog

10. Frame synchronization in T1 link uses .... at the start of each frame which alternates for consecutive frames.
(a) Two bits   (b) one bit   (c) Three Octets