

Sample question paper of DATA COMMUNICATIONS AND NETWORKING

Q1. The _____ is responsible for dialog control and synchronization.

- A. Application layer
- B. Session layer
- C. Physical layer
- D. Data link layer

Q2. In _____ amplitude and width of the pulses is kept constant, but the position of each pulse is verified.

- A. PAM
- B. PPM
- C. PWM
- D. ADM

Q3. The _____ layer adds a header to the packet coming from the upper layer that includes the logical addresses of the sender and receiver.

- A. data link
- B. network
- C. Physical
- D. none of the above

Q4. ICMPv6 includes _____.

- A. IGMP
- B. ARP
- C. RAR
- D. A and B

Q5. Mail services are available to network users through the _____ layer.

- A. Transport
- B. Physical
- C. Data link
- D. Application

Q6. _____ defines how a particular pattern to be interpreted, and what action is to be taken based on that interpretation.

- A. Semantics
- B. Syntax
- C. Timing
- D. None of the above

Q7. A _____ is a data communication system spanning states, countries, or the whole world.

- A. MAN
- B. WAN
- C. LAN
- D. SAN

Q8. When displaying a web page, the application layer uses the _____

- A. HTTP protocol
- B. FTP protocol
- C. SMTP protocol
- D. TCP protocol

Q9. What is the network id of the address 172.16.0.1?

- A. 172.16
- B. 172.16.0
- C. 172.16.1
- D. 172.16.0.1

Q10. The algorithm used by OSPF routing protocol

- A. Distance Vector
- B. Flooding
- C. Path Vector
- D. Link State