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**NET301 Local Area Networks Technologies**

**Exam Model**

**Question 1:**

**3**

**Choose which sentence is correct and which is wrong using (√) or (×), and correct the wrong one:**

1. Layers 1-4 is often referred to as lower layers. ( )
2. In IEEE 802 standard model, Data link layer consists of two sub-layers LLC and ISO. ( )
3. In Data Link Layer, the key responsibility is control of routing in the subnet ( ).
4. IEEE 802 standard model has 4 main layers ( ).
5. ATM Forum is international, non-profitable companies concern in ATM switches used in WAN and fast LAN ( ).
6. “ITU-T Recommendation” is Standards and recommendations for networks and communications ( ).

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Question 2:**

**Complete the following:**

**6**

1. **OSI= \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_**
2. **IEEE 802 standard model four main layers. What is it?**
3. **……………………………………………….**
4. **……………………………………………….**
5. **……………………………………………….**
6. **……………………………………………….**
7. **What are three main physical topologies?**
8. **……………………………………………….**
9. **……………………………………………….**
10. **……………………………………………….**
11. **What are two known logical topologies?**
12. **……………………………………………….**
13. **……………………………………………….**
14. **Draw The OSI Model?**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Question 3:**

**Choose the correct answer:**

**3**

1. **OSI Model is :**
   1. Physical interface between devices.
   2. Open system Interconnection.
   3. Flow control.
2. **Application Layer:**
   1. It is responsible for providing the service for user.
   2. Logical Link Control LLC.
   3. Media Access Control MAC.
3. **Sequential topology also knows as\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_** 
   1. Logical topology. c. Bus logical topology.
   2. Ring logical topology. d. Physical topology.
4. **It is responsible about the movement of individual bits\_ \_ \_ \_ \_ \_ \_ \_**
   1. Physical layer. c. Network layer.
   2. Data link layer. d. Session layer.
5. **Broadcast Topology Also known as:**
6. Bus
7. Ring
8. Star
9. **Lan applications Office automation and teamwork:**
10. Email applications
11. Document editing and viewing
12. Resource sharing

**Model Answer**

**Question 1:**

1. **√**
2. **×,** LLC and MAC.
3. **×,**  Network Layer
4. **√**
5. **√**
6. **√**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Question 2:**

**Complete the following:**

1. **OSI= \_ \_** open systems interconnection **\_ \_ \_ \_ \_ \_ \_ \_**
2. **IEEE 802 standard model four main layers. What is it?**
3. Physical layer.
4. Data link layer.
5. Network layer.
6. Other layers.
7. **What are three main physical topologies?**
8. Bus
9. Ring
10. Star
11. **What are two known logical topologies?**
12. Sequential
13. Broadcast
14. **Draw The OSI Model?**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Question 3:**

**Choose the correct answer:**

1. **OSI Model is :**
2. Physical interface between devices.
3. **Application Layer:**
4. It is responsible for providing the service for user.
5. **Sequential topology also knows as\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_**

c. Ring logical topology.

1. **It is responsible about the movement of individual bits\_ \_ \_ \_ \_ \_ \_ \_**
2. Physical layer.
3. **Broadcast Topology Also known as:**
4. Bus
5. **Lan applications Office automation and teamwork:**
6. Resource sharing