

Department of IoT and Robotics Engineering(IRE)

Lab Quiz

Session: 2021-2022

Course Code: ICT 4255

Course Title: Data Communication and Computer Networking Lab

Marks: 20

Time: 10 Minutes

1. What is the number of layers in the OSI model?

1

A. 2 layers    B. 4 layers    C. 7 layers    D. 9 layers
2. Identify the layer which provides service to the user.

1

A. Session layer    B. Application layer    C. Presentation layer    D. Physical layer
3. Identify among the following which is mainly used to host web site.

1

A. Mail Server    B. Web Server  
C. Database Server    D. None
4. Identify the protocol primarily used for browsing data.

1

A. FTP    B. TCP  
C. TFTP    D. HTTP
5. Which of the following layer isn't present in the TCP/IP model but is included in the OSI model?

1

A. Network layer    B. Session layer  
C. Application layer    D. Transport layer
6. How does Router differ from Switch?

2

Ans:
7. What does MIME stand for?

1

Ans:
8. What is the length of the MAC address?

1

A. 8    B. 16    C. 32    D. 64
9. Identify the network which extends a private network across a public network.

1

- |                         |                            |                               |                       |
|-------------------------|----------------------------|-------------------------------|-----------------------|
| A. Storage Area Network | B. Virtual Private Network | C. Enterprise Private Network | D. Local Area Network |
|-------------------------|----------------------------|-------------------------------|-----------------------|

10. The decimal dotted format of /28 is: 2

- A. 255.255.255.224      B. 255.255.255.240      C. 255.255.255.192      D. 255.255.255.248

11. What is the binary equivalent of Subnet Mask 255.255. 240.0? 1

- A. 11111111.11111111.11000000.00000000      B. 11111111.11111111.11111000.00000001  
 C. 11111111.11111111.11110000.00000000      D. 11111111.11111111.11100001.00000000

12. Find out the True/False statement from the below statements: 3

- A. To prepare to enter the networking field, a student should master a number of general networking technologies.  
 B. The simplest form of a network is a client/server network.  
 C. Latency occurs when a signal traveling on one wire or cable infringes on the signal traveling over an adjacent wire or cable.

13. Give the answer of the folowing questions: 2

- A. Data link layer responsible for convert IP address into .....  
 B. Mail is transferred between various devices using ..... Protocol.

14. Write 2 classful and classless IP address. 2

Ans: