

CN October 2021

DATE 04/03/2022

Experiment _____

1. Make Questions

Q1. The location of a resource on the internet is given by its ?

Ans - URL (Uniform Resource Locator).

Q2. The term HTTP stands for ?

Ans - HyperText Transfer Protocol.

Q3. What does NIC stand for ?

Ans - Network Interface Card.

Q4. Device which can be connected to a network without using cable is called :

Ans - Wireless Device.

Q5. Which one is the most common Internet Protocol ?

Ans -
a) NetBEUI ✓ b) TCP/IP
c) IPX/SPX d) HTML

Q6. The term WLAN stands for?
Ans - Wireless Local Area Network.

Q7. Which one of the following is not a network topology?

Ans -
a) Star
b) Ring
c) bus
✓ d) Peck to Peck

Q8. The number of layers in ISO OSI reference model is 7.

Q9. Wi-Fi stand for Wireless Fidelity.

Q10. A ^{protocols} ~~process~~ is set of rules that governs data communication.

RAID → Redundant Array of Independent Disks.

VOIP → Voice Over Internet Protocol.

NIC → Network Interface Card

UDP → User Datagram Protocol

TCP/IP → Transmission Control Protocol/
Internet Protocol

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Experiment

1 mark Questions

Q1. The basic purpose of compute N/w is resource sharing and communication.

Ans - True.

Q2. Datagram is connection less approach.

Ans - True.

Q3. IaaS stands for Infrastructure as a Service.

Q4. BSS stands for Basic Service Set.

Q5. The bandwidth of bluetooth is higher than wi-fi?

Ans - False.

Q6. Write the name of two network troubleshooting tools.

Ans - ping, traceroute, netstat, ipconfig, etc.

Q7. Write the types of hub.

Ans- • Passive Hub • Active Hub • Intelligent Hub

Q8. TCP → Transmission Control Protocol.

Q9. Write the default mask of class C IP address.

Ans- 255.255.255.0

Q10. Two types of Encryption Techniques:-

Ans- i) Symmetrical / Private Encryption
ii) Asymmetrical / Public Encryption

Q11. Types of Ethernet Standard:-

Ans- • Fast Ethernet • 10Base2
• Gigabit Ethernet • 10Base5
• 10-Gigabit Ethernet • 10BaseT
• Switch Switch Ethernet • 100BaseTX
• 100BaseFX • 1000BaseSX
• 1000BaseLX

Q12. Convert the following address into dotted decimal notation:-

Ans-

10001001	00001111	10000001	11000000
⓪ 1 5 4 3 2 1	↓	↓	↓
$2^8 + 2^4 + 2^1$	$2^4 + 2^3 + 2^2 + 2^1$	$2^8 + 2^1$	$2^8 + 2^7$
$256 + 16 + 2$	$16 + 8 + 4 + 2$	$256 + 2$	$256 + 128$
Ans → 274 .	030 .	258 .	384