

UNIT-1

1. Which network is used by a sensor?

- a. PAN and LAN
- b. PAN and HAN
- c. HAN and LAN
- d. HAN, PAN, and LAN

Answer: (d) HAN, PAN, and LAN

2. A gateway software must be smart enough so that it can handle _____.

- a. Sensors
- b. Logging
- c. Message
- d. GPS

Answer: (b) Logging

3. Dell uses which of these Edge gateway models?

- a. 3500
- b. 4000
- c. 4500

d. 5000

Answer: (d) 5000

4. UDP and TCP are called _____ protocols:

a. Network

b. Transport

c. Session

d. Application

Answer: (b) Transport

5. The _____ layer provides a security based connection:

a. Transport

b. Application

c. Session

d. Network

Answer: (a) Transport

6. WOT reduces the _____ of HTTP:

a. Load

b. Overload

c. Overhead

d. Overrun

Answer: (c) Overhead

7. In which message format is the Statue line present?

a. Response message

b. Request message

c. Both response and request

d. Neither response nor request

Answer: (a) Response message

8. Which type of elements helps in streaming XMPP?

a. XHL

b. XPL

c. MPL

d. XML

Answer: (d) XML

9. XMPP supports _____.

a. Jabber ID

b. Federation

c. Foundation

d. Structured data

Answer: (b) Federation

10. The Buffer overrun could be reduced using:

a. Data integrity

b. Byte orientation

c. Flow control

d. Traffic control

Answer: (c) Flow control

11. MAC addresses is used in the form of _____.

a. IP addresses

b. Network address

c. Burned in address

d. Hardware address

Answer: (b) Network addresses

12. The address of the original IEEE 802 MAC comes from _____.

a. Http

b. Ethernet address

c. IP address

d. MAC address

Answer: (b) Ethernet address

13. Gateway provides the connection between _____ and _____.

a. Controller and device

b. Network and Controller

c. Network and Cloud

d. Cloud and Controller

Answer: (d) Cloud and Controller

14. _____ introduced the Wind River:

a. Intel

b. IBM

c. Syntel

d. Tech Mahindra

Answer: (a) Intel

15. The _____ transportation brings some new control:

a. Building Automation

b. Smart Energy

c. Industrial automation

d. Route Navigation

Answer: (a) Building Automation

16. The XMPP implementation utilises _____.

a. Gaming

b. CoAP

c. Polling

d. Email

Answer: (c) Polling

17. XMPP uses the _____ architecture:

a. Public/subscriber

b. Message

c. Centralized client-server

d. Decentralized client-server

Answer: (d) Decentralized client-server

18. IRC is an abbreviation for _____:

a. Interconnect Reduce Chat

b. Internet Relay Chat

c. Interconnection Relay Chat

d. Internet Reduce Chat

Answer: (b) Internet Relay Chat

19. The Network layer protocol is present in the _____.

a. Bridges

b. Packets

c. Switches

d. Host

Answer: (d) Host

20. The _____ filtering is a security measure on various wireless networks:

a. IP

b. OUI

c. MAC

d. NIC

Answer: (c) MAC

1. RFID is a _____ technology.

2. IoT devices should consume _____ energy.

3. Bluetooth operates in _____ range.

4. Bluetooth consumes _____ power.
5. Wireless speakers work on _____ technology.
6. WiFi has _____ scalability.
7. Sensors _____ data from environment and send it to other devices.
8. IoT data scalability takes care of _____.
9. Microwave is a _____ signal.
10. Fibre optics is _____.