



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)  
Coimbatore – 641 035.



## Department of Information Technology

### 19ITT302 Internet of Things

Multiple Choice Questions

1. What is the full form of IANA?

Internal Assessment Numerical Access

Internet Association Numbers Authority

International Aid For Network Automation

Internet Assigned Numbers Authority

Answer:- D

2. IoT stands for:

Internet of Tech

Incorporation of Things

Internet of Things

Incorporation of Technology

Answer:- C

3. Which of the following can not be considered an IoT device?

Smartwatch

Andriod Phone

Laptop

Tubelight

Answer:- D

4. Which is not an IoT platform?

Xiaomi Cloud

GoogleCloud

Myntra

AWS(Amazon Web Services)

Answer:- C

Explanation: AWS, Google Cloud, and Xiaomi Cloud deliver cloud computing IoT services.  
But Myntra is an e-commerce website that supplies goods.

5. Which of the following can not be considered an IoT device?

Smartwatch

Android Phone

Laptop

Tubelight

Answer:- D

6. IoT is based on \_\_\_\_\_ technology.

Hardware

Software

None

Both of these

Answer:- D

7. What is the standard form of RFID?

Radio Frequency Identification

Radio Waves Frequency Identification

Radio Frequency InterDependent

Radio Wave Frequency Independent

Answer:- A

8. What is considered the standard length for a MAC Address?

8 bits

32 bits

48 bits

None of these

Answer:- C

9. What “bit” represents the address bit in the control register?

MML

ML

MX

MM

Answer:- C

10. What is mandatory for an IP Packet to contain?

Destination IP Address

Source IP Address

Both of these

None of these

Answer:- C

Explanation: Each IP Packet must contain source and destination IP addresses.

11. At which level does the router operate in the OSI reference model?

Data Link

Network

Physical

None of these

Answer:- B

12. What is an IoT network?

a collection of networked devices

a collection of Interconnected devices

a collection of signalled devices

None of the above

Answer:- B

Explanation: IoT is a massive network of devices that are connected with each other. These devices collect and transmit data to each other.

13. Full form of MQTT?

- Message Queue Telemetry Transport
- Messenger Queue Telemetry Transport
- Message Queuery Telemetry Transport
- None of these

Answer:- A

14. Full-Form of VNC:

- Virtual network of computers
- Very network of computers
- Virtual network for communication
- Virtual network computing

Answer:- D

15. What is the java extension file used in IoT?

- .jar
- .obj
- .cpp
- .exe

Answer:-A

16. Which one out of these is not a Data Link Layer Technology?

- Bluetooth
- Wifi
- HTTP
- Mobile Hotspot

Answer:- C

17. What is the standard form of LLN?

Lower Lossy Network  
Low Power Lossy Network  
Lossy Low Power Network  
Low Lossy Powered Network

Answer:- B

18. What type of interface is used by fingerprint sensors to collect data?

IPI interface  
UART interface  
I2P interface  
None

Answer:- B

19. How many wires does the SPI protocol use?

3  
4  
2  
More than 4

Answer:- B

20. Which of the following things is mandatory for the IoT gateway to provide?

Simple and secure installation  
Data network and storage  
Software Security  
Protocol abstraction

Answer:- D

Explanation: An IoT gateway must provide a few things like Protocol abstraction, Computing, I/O performance, and Integration communication capability to enhance the security of the user.

21. In which of the following way, data is associated with an IoT device:

Internet

Network connection

Cables

Cloud

Answer:- D

22. Full form of HART:

Highway Address Remote Transmitter

Highway Addressable Remote Transducer

Highway Addressable Router Transmitter

Highway Address Remote Transmitter

Answer:- B

23. Full form of LPWAN:

Low Power Wide Area Network

Lower Power Wide Area of Network

Low Protocol Wide Area of Network

Long Protocol Wider Area Network

Answer:- A

24. What do API systems enable?

Networks service portability is allowed by API

Systems service portability is allowed by API

Device service portability is allowed by API

All of these

Answer:- B

Explanation: API systems enable the portability of Systems Service.

25. What do RESTful API systems allow the user?

to enhance security

to modify communication capability

to control electronic components

All of these

Answer:- C

26. In IoT, does the \_\_\_\_\_ layer help in end-to-end communication?

security

transport

data communication

logical

Answer:- B

Explanation: The transport layer is used to provide end-to-end communication in IoT.

27. LTE stands for:

Long Terminal evolution

Lower Terminal evolution

Long Term evolution

None

Answer:- C

28. Many-Valued Logic is formed because of:

binary logic

Hexa logic

fuzzy logic

All of these

Answer:- C

29. The collection of \_\_\_\_\_ that connects several devices is called the bus.

network

lines

cables

None of these

Answer:- B

Explanation: A collection of lines that connects several devices is called bus.

30. \_\_\_\_\_ is a security mechanism used in WiFi.

WPA

HTTP

MLA

None of these

Answer:- A

31. The main purpose of the web of things(WoT) in IoT is:

to increase the cost

to improve security

to improve the usability and interoperability

All of these

Answer:- C

Explanation: Web of things(WoT) is used to improve the usability and interoperability of IoT.

32. The storage is \_\_\_\_\_ in IoT.

limited

unlimited

not available

All of these



Answer:- A

Explanation: The storage in IoT is very limited.

33. At what rate can NFC transmit data?

424 Kbps

1106 Kbps

216 Kbps

All of these

Answer:- D

Explanation: The NFC can transfer data at any speed of either 212, 1106, or 424 Kbps.

34. The standard form of ICT is:

Inter Connected Technology

International Connection Technology

Inter Communication Technology

Information and Communication Technology

Answer:- D

35. Which of the following uses Java Language?

GSN

MMQT

GAN

None of these

Answer:- A

Explanation: GSN(Global Sensor Network) uses Java as it is more portable than other languages like C++, Python, etc.

36. Domain Name System is used to:

provide system security

enhance network communication

increase data and speed

obtain IP Address

Answer:- D

37. The standard form of CGI is:

Common Gateway of Interest

Common Gate Interfere

Common Gateway Interdependent

None

Answer:- D

Explanation: CGI stands for Common Gateway Interface.

38. Which of the following is not a short-range wireless network?

Bluetooth

VPN

Wifi

Hotspot

Answer:- B

Explanation: Those wireless networks having a short-range like Bluetooth and Wifi are called short-range wireless networks. These are suitable for working in the local environment.

39. A \_\_\_\_\_ is the component that executes a program in an IoT system.

micro converter

microcontroller

microsensor

None

Answer:- B

Explanation: A Microcontroller is a component that executes a program in an IoT system. It consists of a command unit, storage memory, timers, etc., that are used to handle the execution of a program.

40. Which of the following is not LPWAN Technologies?

LORA

SIGFOX

NB-IoT

Bluetooth

Answer:- D

41. With two-factor Authentication, which attack can be users vulnerable to?

Ransome ware Attack

Man-in-the-middle attack

Cross Attack

Radiant Attack

Answer:- B

Explanation: Users may be vulnerable to a man-in-the-middle attack even after two-factor authentication.

42. Which one out of these is in a format which is not readable by the user?

Encryption

Passwords

.text

None of these

Answer:- A

Explanation: Encryption is converting data into a specific form that is unreadable to any other user.