

Subject:-IOT SEM- 5 TYIT

Sample Question

1) A _____ is a device that detects and responds to some type of input from the physical environment.

- a. Sensor
- b. Actuator
- c. Repeater
- d. Amplifier

2) What is the equation of IoT?

- a. Physical object + controller, sensors, actuators + Internet
- b. Physical object + controller
- c. Physical object + compiler+ intranet
- d. Physical object only

3)_____provides fairly plug-and-play networking experience but most home routers today also offer Wi-Fi which removes the need of running cables everywhere.

- a. Objects
- b. Wired Ethernet
- c. Browsers
- d. Hardware

4) A way to differentiate between successive versions of the formats in such a way that older devices can still mostly read newer formats is called as ____.

- A. Forward compatibility
- B. Affordances
- C. Backward compatibility
- D. Graceful degradation

5) Making the devices/ Components more generalised will help to _____.

- A. reuse and restore the components.

- B. restore the components.
- C. reuse and recycle the components.
- D. reuse and repurpose the components.

6) Which of the following is not a protocol of the network layer ?

- a. IP
- b. ICMP
- c. HTTP
- d. IGMP

7) Number of I/O ports in the 8051 microcontroller?

- a. 3-Ports
- b. 4 Ports
- c. 4 Port with Last Port having 5 pins
- d. 5 Bit

8) Arduino IDE consists of 2 functions. What are they?

- a. Build() and loop()
- b. Setup() and build()
- c. Setup() and loop()
- d. Loop() and build() and setup()

9) Which of the following comes in two parts, one clay like material and other one is hardener?

- a. Modelling clay
- b. Sugru
- c. Epoxy putty

d. Expanded polystyrene

10) Bed in laser cutter contains _____

- a. Two-axis mechanism with mirrors and lens
- b. Laser beam
- c. Two-axis mechanism with beam and mirrors
- d. Flat platform and lens

11) Slicing algorithms are required in

- a. 3D printing
- b. Laser cutting
- c. CNC milling
- d. 3D animation
- e.

12) Most IOT problems are addressed at _____ layer.

- a. TCP
- b. IP
- c. API
- D.UDP

13) HTTP allows which response?

- a) Multiplexing
- b) Serial
- c) Coherent
- d) Binary

14) It is a task timer which is connected to internet.

- a. WebSocket
- b. Clockodillo
- c. polling
- d. HTML

15) _____ memories must be refreshed hundred times per second?

- (A) EPROM
- (B)ROM
- (C)Static RAM
- (D)Dynamic RAM

16) What is the main success criterion for business?

- a. Loss
- b. Profit
- c. Failure
- d. Quality

17) Which among the below stated soldering methods is also renowned as 'High Frequency Resistance Soldering'?

- A. Iron Soldering
- B. Furnace Soldering
- C. Torch Soldering
- D. Electrical Soldering

18) Which software is not used for circuit design?

- A. KiCad EDA.
- B. ExpressPCB Plus.
- C. DipTrace.

D. Oracle

19) Scheduler switch threads in _____

A) Multilevel queue scheduling

B) Priority Scheduling

C) Round robin fashion

D) Multilevel feedback queue scheduling

20) To enable the _____ to remain useful at the end of its working life.

A. Data

B. Network

C. Code

D. Time

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