BE IT A & B
Internet of Everything

	MCQ	MARKS : 01 EACH	
Sr. No	**Question**	**RBT level**	**CO**

1	MQTT Stands for_____
	  a. MQ Telemetry Things
	  b. MQ Transport Telemetry
	  c. MQ Transport Things
	  d. MQ Telemetry Transport
		L1,L2	CO1

2	Raspberry Pi 2 does programming in _____
	  a. Java
	  b. Python
	  c. C
	  d. C++.
		L1, L3	CO1

3	CoAP is a specialized _____ protocol.
	  a. Web Transfer
	  b. Power
	  c. Application
	  d. Resource
		L3, L4	CO2

4	M2M is Subset of IOT
	  a. True
	  b. False
		L2	CO4

5	Objects in IOE____
	  a. Sensors and Actuator
	  b. Data
	  c. People/Process
	  d. All of the above
		L1,L2	CO3

6	Different Types of RFID tags are____
	  a. Active
	  b. Passive
	  c. High Frequency
	  d. All of the above
		L3	CO3

7	MQTT is better than HTTP for sending and receiving data.
	  a. True
	  b. False
		L2	CO2

8	NodeMcu uses _____ programming language
	  a. Java Script
	  b. VB Script
	  c. ASP Script
	  d. Lua Scripting language
		L3, L4	CO6

9	ESP8266 is built in with_____	L3	CO5

	a. Ardiuno b. Raspberry Pi 2 c. NodeMcu d. None of the above		

10	How can you find IP address of a machine in Linux
	    a. Using Ifconfig
	    b. Using Ifconfig –a
	    c. Using Ipconfig
	    d. Using Ifconfig -a
		L3	CO5

11	CoAP provides_____
	    a) security.
	    b) Packet drop
	    c) Delay
	    d) Jitter
		L3, L4	CO2

12	CoAP Structure model has a _____layers Structure.
	    a) Three
	    b) Two
	    c) One
	    d) five
		L3, L4	CO2

13	Which is an open standard?
	    a) HTTP
	    b) MQTT
	    c) XMPP
	    d) CoAP
		L3, L4	CO2

14	In reliable message transport method, the message is transmitted till the _____message not received.
	    a) CON(confirmable)
	    b) NON (non- confirmable)
	    c) ACK(Acknowledgement)
	    d) RST(Reset)
		L3, L4	CO4

15	_____is a network of devices connected to the Internet, wherein these devices communicate with each other(store-extract-share) to do assigned tasked or meet specific requirements.
	    a) IOT
	    b) IOE
	    c) M2M
	    d)Telemetry
		L3, L2	CO1

16	IOT system started evolving in _____
	    a) 1845
	    b) 1990
	    c) 2010
	    d) 2014
		L3, L4	CO2

		L3, L4	CO3

17	In IOT, things are objects with _____and _____embedded in them.
	    a) Sensor
	    b) Actuator
	    c) Internet
	    d) People		

18	A _____ is a non-contact type sensor that detects the presence of an object.
	    a) Temperature Sensor
	    b) Accelerometer
	    c) Proximity Sensor
	    d) Light Sensor
		L3, L4	CO2

19	The Color sensor detects the color of the surface, usually in the _____ Scale.
	    PNG
	    RGB
	    PHP
	    PNP
		L3, L4	CO3

20	_____ Sensor is a device for determining the level or amount of fluids, liquids or other substances that flow in an open or closed system.
	    a) Actuator
	    b) Level
	    c) Humidity
	    d) Tilt
		L3, L4	CO3

21	_____delivers a framework for developers that they can build upon and use to create customized applications.
	    a) SaaS
	    b) IaaS
	    c) PaaS
	    d) MaaS
		L3, L4	CO4

22	_____ & _____ is Example of IaaS
	    a) BigCommerce
	    b) Cisco Metapod
	    c) Rack space
	    d) Apache Stratos
		L3, L4	CO4

23	IaaS Stand for_____
	    a) Infrastructure-as-a-Server
	    b) Internet-as-a-Server
	    c) Internet-as-a-service
	    d) Infrastructure-as-a-Service
		L3, L4	CO5

24	A column-oriented key/value data store built to run on top of the Hadoop Distributed File System (HDFS).
	    a) Hive
	    b) Pig
	    c) HBase
	    d) Spark
		L2, L3	CO6

25	A Cluster management technology and one of the key features in second- generation Hadoop.
	    a) YARN
	    b) Pig
	    c) HBase
	    d) Spark
		L2, L3	CO6

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Sample Questions Set-II

MCQ		MARKS : 01 EACH	
Sr. No	**Question**	**RBT level**	**CO**
1	_____ supports 100 Mbps bandwidth and increased signal intensity. a) 802.11a b) 802.11b c) 802.11g d) 802.11n	L1,L2,L3	CO1
2	_____ is one of the series of wireless technology, which defines the format and structure of the radio signals sent out by WiFi networking routers and antennas 802.11a 802.11b 802.11g 802.11n	L1, L3	CO1
3	_____ is used to build web services that are light weight, maintainable and scalable in nature. REST ROST RENT RETS	L3, L4	CO4
4	To update all employee using RESTful web services _____ is used. PUT GET POST SET	L2,L3	CO4
5	RFID tag can also refer to as _____ Transponders Transmitter Receiver Transceiver	L1,L2	CO3

6	_____ is one of the RFID tags Active tag De-active tag Reactive tag Responsive tag	L3,L4	CO3
7	The _____ to a tag is integrated circuits Heart Brain Eye Ear	L2,L3	CO2
8	Class _____ is kept reserved for tag readers 2 3 4 **5**	L3, L4	CO2

9	A machine in M2M has a (i) microcontroller which consist of (ii)Processor, (iii) Memory (iv)firmware (v)timers, (vi) interrupt controller (vii) Communication Module (viii)ADC and (ix) PWM
	    (a) (i) and (ii) always present in M2Mas well as IOT devices and remaining depends on the application
	    (b) (i) and (vii) always present in M2Mas well as IOT devices and (viii) & (ix) depend upon the application
	    (c) (i) to (v) and (vii) always present in M2M devices and (vi), (viii) and (ix) are optional
	    (d) All are required in an M2Mor IOT device
		L3,L4	CO1

10	All the required information is provided to the server is called as _____
	    (a) State full
	    (b) Serverfull
	    (c) Stateless
	    (d)Serverless
		L3	CO5

11	GET, _____, DELETE and _____ are rest full methods
	    (a) ADD
	    (b) CALL
	    (c) POST
	    (d)PUT
		L3, L4	CO3

12	_____ is the distance between sender and receiver of a signal can be determined using the major signal propagation time and known signal velocity.
	    (a) Time of arrival
	    (b) Angel of arrival
	    (c) Time difference of arrival
	    (a) Received signal strength
		L3, L4	CO4

13	RSS stand for _____ (a)Received signal strength (b) Received strength signal (c)Received sensed signal (d)Radio signal strength	L3, L4	CO3
14	The _____ is a power ratio of the measured power with reference to one mW. (a) RDD (b) RSS (c) dBm (d) ToA	L3, L4	CO4
15	In _____ Time is divided into a number of frames and the frames have several slots. Each tag is supposed to send data to fixed-length frame. (a) Framed Slotted Aloha (b) TDMA Aloha (c) Pure Aloha (d) Slotted Aloha	L3, L2	CO1
16	_____ is also a memoryless tree Protocol that works on the principal of applying a dynamic bit window to QT. (a) QWT Protocol (b) QT Protocol (c) STT Protocol (d) BS Protocol	L3, L4	CO5
17	Chef Consists of three main component a) Sensor, Actuator, Interne b) Server, node, workstation c) Transmitter, receiver, power d) UV Sensor, GPS Sensor, Gas Sensor e) None of the other	L3, L4	CO6
18	A _____ is a non-contact type sensor that detects the presence of an object. a) Temperature Sensor b) Accelerometer c) Proximity Sensor d) Light Sensor	L3, L4	CO2
19	Puppet is deployed in the client-server environment where the server runs the _____ and the client runs the _____ a) Puppet Master b) Puppet Server	L3, L4	CO6

	c) Puppet agent d) Puppet Client		

20	_____ Sensor is a device for determining the level or amount of fluids, liquids or other substances that flow in an open or closed system.
	    a) Actuator
	    b) Level
	    c) Humidity
	    d) Tilt
		L3, L4	CO3

21	_____delivers a framework for developers that they can build upon and use to create customized applications.
	    a) SaaS
	    b) IaaS
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	    d) MaaS
		L3, L4	CO4

22	_____ & _____ is Example of IaaS
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	    b) Cisco Metapod
	    c) Rack space
	    d) Apache Stratos
		L3, L4	CO4

23	Traditionally, M2M implements non-IP protocols all the way to the device whereas IOT implements ___ or_____ _____to device
	    a) IP or HTTP
	    b) MAC or HTTP
	    c) IP or MAC
	    d) None of the other
		L3, L4	CO5

24	A column-oriented key/value data store built to run on top of the Hadoop Distributed File System (HDFS).
	    a) Hive
	    b) Pig
	    c) HBase
	    d) Spark
		L2, L3	CO6

25	In WSN Node is Consist of?
	    a) Transceiver
	    b) Microcontroller
	    c) Memory
	    d) All of the above
		L2, L3	CO6