Sample Question Bank
Subject :- Internet of Things (Elective-II)

(1) What does LTE stand for:
    A) Long Term Errors
    B) **Long Term Evolution**
    C) Lengthy Terminal Estimation
    D) Long Term Estimates

(2) Which one out of these is not LPWAN technologies:
    A) SigFox
    B) **WiFi**
    C) NB-IoT
    D) LoRa

(3) Which is the electric information service infrastructure, that is placed between end-user and the power utility?
    A) Home Automation
    B) **Advanced Metering Infrastructure (AMI)**
    C) Home Automation Networking
    D) None of these

(4) An interconnected collection of piconet is called
    A) micronet
    B) **scatternet**
    C) mininet
    D) none of the mentioned

(5) Which technology consists of small, low powered sensors on the body that captures clinical information such as temperature, respiratory functions, glucose level etc.
    A) MBANs
    B) WBANs
    C) MBANS
    D) **All of these**

(6) What is BLE
    A) BLE stands for Bluetooth Low Energy.
    B) It uses the same 2.4 GHz radio frequencies as classic Bluetooth
    C) It uses less power to transmit distance over a short distance.
    D) **All of these**

(7) ZigBee RF4CE has below characteristics,
    A) multiple star topology with inter-PAN communication
    B) pairing mechanism with full application confirmation
    C) security key generation
    D) All of the above

(8) RF4CE is based on ___ and was standardized in 2009 by four consumer electronic companies such as_____
    A) 802.11 and Sony, Philips, Panasonic, Samsung
    B) WLAN and Sony, Philips, Panasonic, Samsung
    C) ZigBee and Sony, Philips, Panasonic, Samsung
    D) None of the Above

(9) RF4CE overcomes the problem associated with
    A) 802.11
    B) Spread spectrum
    C) Infra-Red (IR) and Line of Sight (LoS)
    D) None of these

(10) For security and surveillance an electronic cordon surrounding the city of London, England is known as,
    A) Ring of surveillance
    B) Ring of fire
    C) Ring of steel
    D) Ring of Lords

(11) Who coined the term Internet of Things
    A) Bill Gates
    B) Kevin Ashton
    C) Steve Jobs
    D) Leonordo DiCaprio

(12) Which action is the best step to protect Internet of Things (IoT) devices from becoming the entry point for security vulnerabilities into a network while still meeting business requirements?
    A) Turning IoT devices off when not in use
    B) Removing IoT devices from the network
    C) Using encryption for communications
    D) Applying security updates promptly

(13) Bluetooth operates in ___ ISM band and has a bandwidth approximately___ .
    A) 2.4 Mhz, 100 Mbps
    B) 2.4 GHz, 1-3 Mbps
    C) 1.4 GHz, 1000Mbps
    D) 2.4 KHz, 100 Mbps

(14) Which is the electric information service infrastructure, that is placed between end-user and the power utility?
    A) Home Automation
    B) Advanced Metering Infrastructure (AMI)
    C) Home Automation Networking
    D) None of these

(15) Which of following is a limitation of barcode over RFID system?
    A) Object can't be detected from far range
    B) Wired connection is needed to detect the object
    C) Object and scanner should be in a line of side
    D) Scanner require more power

(16) Following are examples of PANs (Personal Area Networks)
    A) ZigBee
    B) Bluetooth (BLE)
    C) NFC
    D) All of the above

(17) What is the goal of open architecture?
    A) reduce the cost
    B) to support a wide range of applications using a common infrastructure
    C) reduce the efforts
    D) None of above

(18) At macro level, three drivers have been offered for IOS services
    A) Detection/prevention of crimes
    B) Anti-terrorism
    C) Increased municipal revenue collection via remote monitoring of infractions
    D) All of the above

(19) Integrated Open-air Surveillance (IOS) is classified as
    A) Public space open-air surveillance
    B) Private space open-air surveillance
    C) Hybrid public/private space open-air surveillance
    D) All of these

(20) Surveillance which is done in public domain is referred as
    A) Open air
    B) Open surveillance
    C) Open-Public surveillance
    D) Individual surveillance

(21) Environmental sensors includes
    A) thermal sensor, hygrometric sensors
    B) sound sensors, gas sensors
    C) particle sensors, seismic sensors, light sensors
    D) All of these

(22) Activity sensors include
    A) pavement/roadway pressure
    B) vehicle and pedestrian detection
    C) parking space occupancy
    D) All of these

(23) In City automation, generic city sensors includes,
    A) Environment sensors & activity sensors
    B) light sensors & image sensors
    C) traffic sensors & object detection sensors
    D) None of these

(24) NFC is limited to distance of approximately,
    A) 1 m
    B) 10 m
    C) 4 cm
    D) 50 m

(25) DSRC devices are IEEE 802.11 systems using_____ mode of operations in DSRC band
    A) WAVE (Wireless Access in Vehicular Environment)

B) VANET
C) Vehicular Ad-hoc Networks
D) B & C

(26) The purpose of TG4j is to
A) develop Task Group
B) create an amendment to 802.15.4 by developing Task Group
C) create standard
D) provide specifications

(27) Which one of the following is NOT a market driver for the Internet of Things (IoT)?
A) Global adoption of non-IP networking
B) Smaller and faster computing
C) Growth of cloud computing
D) Advancement in data analytics

(28) Can Alexa be part of IoT?
A) Yes
B) No

(29) IIoT stands for
A) Intenet of Internet of Things
B) Industrial Internet of Things
C) Intelligece Internet of Things
D) International Internet of Things

(30) UID is Unique Identification technique.
A) True
B) False

Question No.	Answer	Question No.	Answer	Question No.	Answer
1	B	11	B	21	D
2	B	12	D	22	D
3	B	13	B	23	A
4	B	14	B	24	C
5	D	15	C	25	A
6	D	16	D	26	B
7	D	17	B	27	A
8	C	18	D	28	A
9	C	19	D	29	B
10	C	20	A	30	A