

## QUESTION BANK

Class : TYCS

Sub : WSN

Sr.No	Question	A	B	C	D	Answer
1	_____ is the main signalling layer of DECT as well as _____ supports the call completion facility in a multi handset environment.	Physical Layer, Cordless controller	Data link layer, Radio fixed part	Network layer, Network Specific Interface Unit	Portable headset	Network layer, Network Specific Interface Unit
2	Which of the following is a Disadvantage of Cellular System?	Higher Capacity.	Robustness.	More infrastructure.	The interference is only local.	More infrastructure.
3	IEEE 802.11 defines basic service set as building block of a wireless _____	LAN	WAN protocol	MAN	ALOHA	LAN
4	Equalization techniques can be categorised into _____ and _____ Techniques.	Active, passive	Linear, non linear	Slow, fast	Direct, indirect	Linear, non linear
5	----- has defined three different categories of services: bearer, tele, and supplementary services?	ISDN	TDMA	GSM	FDMA	GSM
6	The _____ of user in the terrestrial mobile system is the ability of the system to know the current location of the user and to assure the validity of the same mobile number worldwide.	Routing	Navigating	Localization	None of the above	Localization
7	If satellites offer _____, traffic can be routed between satellites	Layer	ISL	Interface	Route	ISL
8	_____ can be defined as the area on earth where the signals of the satellite can be received.	Footprint	Spot	Beam	All of above	Footprint

9	Modern mobile communication system use analog modulation techniques.	TRUE	FALSE			FALSE
10	_____ satellites have a distance of almost 36000 km above the earth.	GEO	LEO	MEO	HEO	GEO
11	Which of the following routing protocols is based on a data-centric approach?	Flooding	LEACH	SPIN	Geographical routing	SPIN
12	Garuda comes under the downstream reliability group based on a _____ architecture.	one tier	two tier	three tier	none	two tier
13	Which MAC protocol is used in WSN to reduce energy consumption and support self configuration?	Sensor-MAC protocol	Leach Protocol	Y-MAC Protocol	CSMA CD	Sensor-MAC protocol
14	What is Wired Equivalent Privacy (WEP)?	security algorithm for ethernet	security algorithm for wireless networks	security algorithm for usb communication	security algorithm for emails	security algorithm for wireless networks
15	A packet in Transmission Control Protocol (TCP) is called a _____	Transmittable slots	Packet	Segment	None	None
16	Which of the following specifies a set of media access control (MAC) and physical layer specifications for implementing WLANs?	IEEE 802.16	IEEE 802.3	IEEE 802.11	IEEE 802.15	IEEE 802.11
17	What is the normal range of Bluetooth	1 m	10m	1km	10 km	10m
18	In W-CDMA which channel transmits signalling or user data.	DPCH	DPDCH	DPCCH	DPPCH	stream control transmission protocol

19	What is route poisoning?	It sends back the protocol received from a router as a	It is information received from a router that can't be sent back to	It prevents regular update messages from reinstating a	It describes when a router sets the metric for a downed	It describes when a router sets the metric for a downed
20	Which of the following is not SPIN Versions	SPIN-PP	SPIN-EC	SPIN-BC	SPIN-EP	SPIN-EP
21	MANET routing protocols are categorized into the following types:	Topology based routing and Location based routing	Location based, Energy awareness based and Topology	Topology based and Energy based routing	Location based and Energy awareness based routing	Topology based routing and Location based routing
22	A Sensor network is designed to perform a set of high level information processing task such as	Detection	Multihop	Classification	All of the above	All of the above
23	It is more appropriate to address nodes in a sensor network by _____ than by _____	Physical Address /IP Address	IP Address/ Physical properties.	Both	None	Physical Address /IP Address
24	Optimization of wireless sensor network is based on	Quality Of Service	Energy Efficiency	Scalability	All Of The Above	All Of The Above
25	_____ is a process of simultaneously transmitting two or more individual signal over a signal over a single communication channel'	Multiplexing	Demultiplexing	Sending	Overpassing	Multiplexing
26	Wireless Sensor Network can be designed with_____ topology	Star	Mesh	Tree	All of above	All of above
27	1KHz=_____Hz	100Hz	1000Hz	10000Hz	10Hz	1000Hz
28	_____ topology overcomes the drawback of single hop network	Star	Mesh	Multihop	None Of The Above	Multihop

29	Wireless communication means communication by _____ waves.	Radio	Sound	Noise	All Of The Above	Radio
30	The Noise Figure NF of an element is defined as the ratio of the -----	Noise to Signal Ratio	Signal to Noise Ratio	Signal to Signal Ratio	Noise to Noise Ratio	Signal to Noise Ratio

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