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Class: XII Comp. Sci.	Department: Computer Science	Date of submission: 27/04/2020
Worksheet No: 2	Topic: Structure of a Network – Types of Networks – Wired and Wireless Networks	Note: Refer to Video lessons

MCQ's

- 1) The term _____ refers to computers that are attached to a network and are seeking to share resources.
a) Transmission Medium b) Nodes c) Domain Name d) Protocol
- 2) A _____ is an interpreter that helps in establishing communication between the server and the client.
a) Server b) IP Address c) Network Interface Unit d) Sender
- 3) _____ is unique ID to identify every machine on a network.
a) Protocol b) MAC Address c) Message d) IP Address
- 4) A _____ is the information to be communicated. It may be text, image, audio or video.
a) Protocol b) Domain Name c) Message d) Resource sharing
- 5) A _____ is a set of rules that governs data transmission.
a) Bluetooth b) IP Address c) WiMAX d) Protocol
- 6) _____ is a privately-owned computer network covering a small geographical area like a home or office or school building.
a) PAN b) LAN c) WAN d) MAN
- 7) A _____ covers a city and its surrounding area.
a) MAN b) PAN c) LAN d) WAN
- 8) The selection of transmission media depends on _____.
a) Cost b) Data transfer speed c) distance d) All the above
- 9) Identify the Odd one out of the following: _____.
a) Twisted Pair Cable b) Coaxial Cable c) Radio wave d) Optical Fiber

- 10) Identify the odd one out of the following: _____.
- a) Radio wave b) Satellite c) Coaxial Cable d) Server
- 11) Identify the odd one out of the following: _____.
- a) Twisted Pair Cable b) Infrared wave c) Bluetooth d) Micro wave
- 12) _____ connector is used to connect the Twisted pair cable into a computer.
- a) CAT – 5 b) RJ - 45 c) CAT – 6 d) RJ - 48
- 13) _____ is most commonly used in Cable TV transmission.
- a) Optical Fiber b) Twisted Pair c) Coaxial Cable d) None of the above
- 14) Twisted Pair cable is only suitable for short distances up to _____.
- a) 185 meters b) 1-kilometer c) 500 meters d) 100 meters
- 15) _____ is the outer optical material surrounding the core that reflects the light back to the core.
- a) Core b) Cladding c) Buffer Coating d) LED
- 16) _____ is the most expensive cable but provides high speed transmission.
- a) Optical Fiber b) Coaxial cable c) STP d) Satellite
- 17) _____ covers a large geographical area, which offers secure, uninterrupted and high-quality transmission.
- a) Radio wave b) Micro wave c) Satellite d) Infrared wave
- 18) _____ propagate in Omni direction and can penetrate solid walls / buildings easily.
- a) Micro wave b) Radio wave c) Infrared wave d) Bluetooth
- 19) _____ is used modern remote operated electronic products like TV, cordless phones, toys, etc.,
- a) Infrared wave b) Wi Fi c) Micro wave d) Radio wave
- 20) In big cities where land is very costly and a lot of formalities have to be completed to get permission to dig land for cabling, _____ transmission medium can be used.
- a) Radio wave b) Infrared wave c) Micro wave d) Bluetooth