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MCA '20'

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Q.1. What do you mean by Computer networks.

→ A Comp. network is a group of computers that use a set of common communication protocols over digital interconnections for the purpose of sharing resources located on or provided by the network nodes. The interconnections b/w nodes are formed from a broad spectrum of telecommunication network technologies based on physically wired, optical, and wireless radio-frequency methods that may be arranged in a variety of network topologies.

The nodes of a Comp. network may include personal comp., servers, networking hardware, or other specialised or general-purpose hosts. They are identified by hostnames and network addresses. Hostnames serve as memorable labels for the nodes, rarely changed after initial assignment. Network addresses serve for locating & identifying the nodes by communication protocols such as the Internet protocol.