Q1. Read Example.

Q2.

1. What are the layers of a TCP/IP Model?

The TCP/IP Model has originally 4 layers but in updated versions it has 5 layers.

**Application / Process Layer –** Abstraction layer that specifies the shared communications protocol.

**Transport / Host to Host Layer –** Responsible for end to end delivery of data from source host to destination host.

**Network / Internet Layer –** Concerned with the physical transmission of data.

**Link / Network access Layer –** Protocols that operate only on the local network segment.

**Physical Layer –** The physical characteristics of communication media. i.e Ethernet cable

**The seven layers of the OSI model are:**

Application, Presentation, Session, Transport, Network, Data Link, Physical.

2.What is a subnet mask?  
A subnet mask is combined with an IP address in order to identify two parts: the extended network address and the host address. Like an IP address, a subnet mask is made up of 32 bits. This means it is the logical subdivision of an IP network.