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OSI Model

TCP/IP Model

1) It stands for open system interconnection.

It stands for Transmission Control protocol.

2) OSI Model has been developed by ISO (International standard organization).

It was developed by ARPANET (Advanced Research Project Agency Network)

3) It is an independent standard and generic protocol used as a communication gateway between the network and the end user.

It consists of standard protocols that lead to the development of an internet. It is a communication protocol that provides the connection among the hosts.

This model is based on a vertical approach.

This model is based on a horizontal approach.

5) In this model the session and presentation layers are separated i.e. both the layers are different.

In this model, the session and presentation layer are not different layers. Both layers are included in the application layer.

6) In this model the network layer provides both connection oriented and connectionless services.

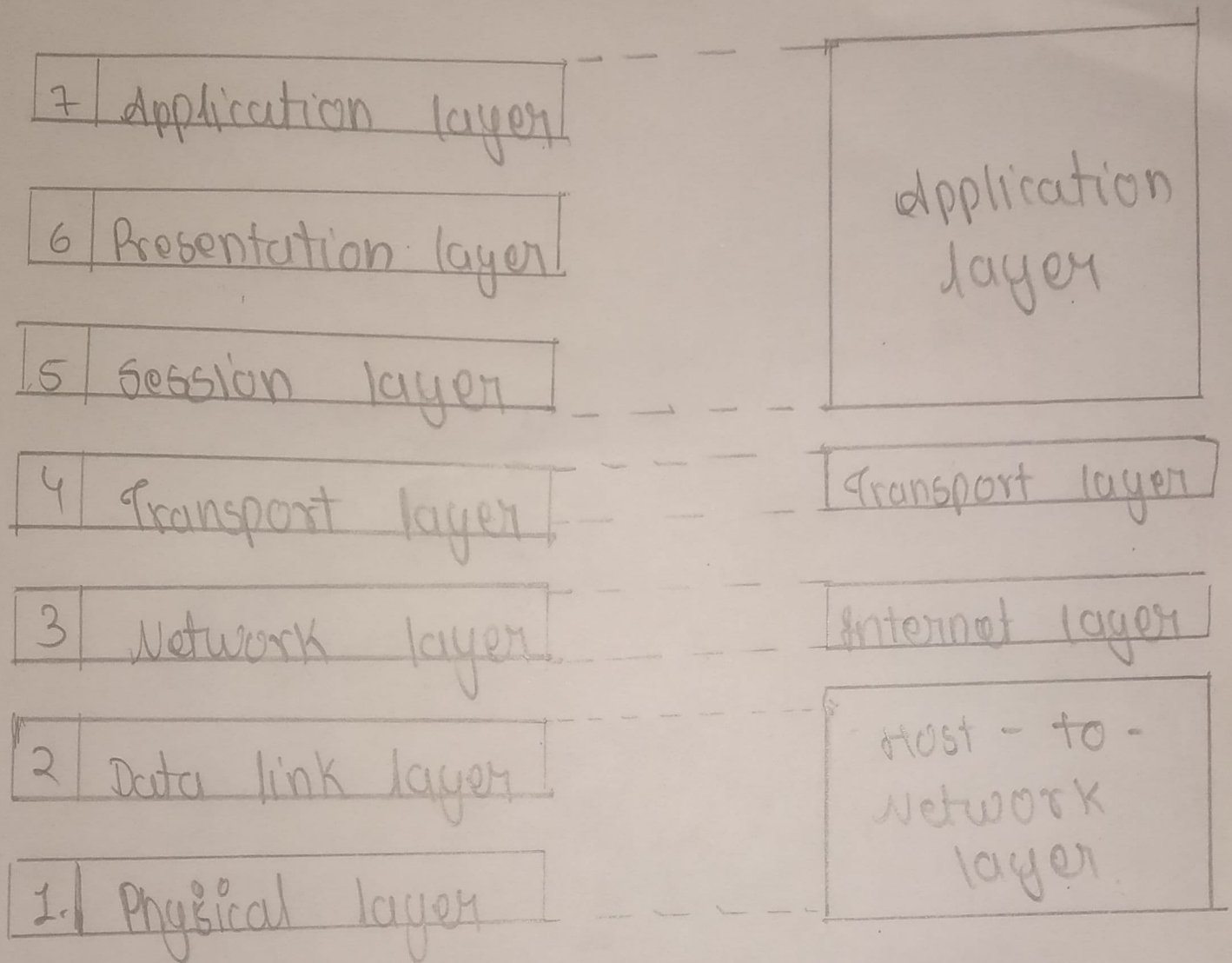
The network layer provides only connectionless services.

7) It consists of 7 layers.

It consists of 4 layers.

8) The usage of this model is very low.

The model is highly used.



OSI Model

TCP/IP Model