

## Garaganta Gastente Ganto

## (Approved by AICH New Dellar & Gert, of Mathematics, Affiliated to University of Manufacil

Subject: CN

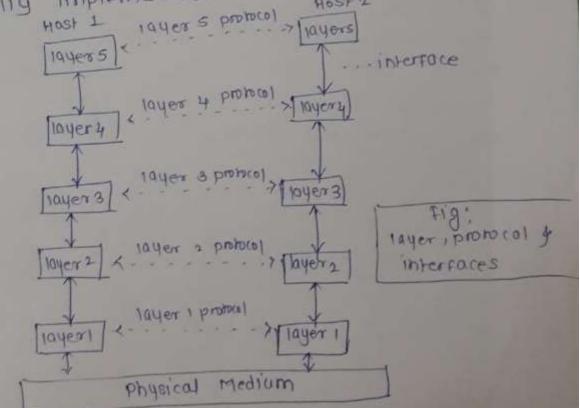
Semester: V

## Protocol Hierarchies

To reduce design complexity, most networks are organized as a stack of layers or levels, each one built upon the one below it.

The number of layers, the name of each layer, the content of each layer of the function of each layer.

The purpose of each layer is to offer certain services to higher nemoesticayers), sheilding those layers from the details of how the offered services are actually implemented.





## CONTRACTOR CONTRACTOR CONTRACTOR (Approved by AICTL New Delbt & Gevt. of Maharashtra. Affiliated to University of Mumbai)

Semester: V

Layer n on one machine carries on a conversation with layer n on onother machine.

The rules & conversations used in this conversa

are collectively known as n promocol.

A protocol is an agreement between the communicating parties on how communication is to proceed. In above Fig. the entitles comprising the corrosponding layers on different machines are called peers. (process, hardwate, or human being) Benveen each pair of adjacent layers is an interface.

The set of layers and promocols is called a nework architecture.

A list of promocols used by a certain system, one protocol per layer, is called protocol stack