

2(a) How many Computer networks are there and what are they? 2

(b) Describe the inter connectivity of Computer network 6

(c) Describe the geographical span of Computer network 6

Answer:

2(a):

There are three types of Computer networks. They are-

(i). Geographical span.

(ii) Inter-Connectivity.

(iii) Administration.

(iv) Architecture.

2(b):

The inter-connectivity of computer network is described below -

(i) we can connect all the devices on the network. It is called the network mesh.

(ii) we can connect all the devices with a single medium but it can be geographically disconnected, created bus like structure.



(iii) We can connect all the device with its left and right peers only, creating linear structure.

(iv) we can connect a all the devices with a single device, creating star like structure.

(v) we can connected all the devices using all previous ways to connect each other, resulting in a hybrid structure.

Q(c):

We can describe geographical span of a computer network by the following categories :-

(i). It can be spanned across your table, among Bluetooth enabled devices, Ranging out more than few meters.

(ii). It can be spanned across a whole building, including intermediate devices to connect all floors.

(iii) It may be spanned across a whole city.

(iv) It can be spanned across multiple cities or provinces.

(v). It may be one network covering whole world