

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 all the devices with a single device, creating star like structure.
- (v) We can connect all the devices using all previous ways to connect each other, resulting in a hybrid structure.

Q(5):

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.