1. What is encryption?

Encryption is the method by which information is converted into secret code that hides the information.

1. What is decryption?

The conversion of encrypted data into orginal form is called decrypted.

1. What is SSL, http, https?

SSL-Secure Socket Layer it helps to protect internet connection.

http-hyper text transfer protocal it is the communication between web browsers and web servers.

https-Hyper text transfer protocal secuere it protects confidential of the data between users computer and site.

1. What are network packets?

A network packet is a small amount of data sent over transmission control protocal(TCP),it is used to send information between users and recipents.

1. What are public and private ip's?

A public IP address identifies you to the wider internet so that all the information you're searching for can find you. A private IP address is used within a private network to connect securely to other devices within that same network.

1. What is internet?

Internet is an electronic communications network that connects computer networks and organizational computer facilities around the world.

7. What is Horizontal Scaling?

Adding new machines or extra servers in order to store the required information.

8.What is vertical Scaling?

It is the ability to increase the capacity of existing hardware or software by adding resources,vertical scaling is limited by the fact that you can only get as big as the size of the server.

9. What do you mean by HA?

High availability is the availability of the system to operate continously with failing for a designated period of time.

10. What are the types of HA explain each one of them?

Active-passive :- In this Only the primary node is active, so it is the only node that receives traffic from adjacent routers. Typically,

there is one other node that is in standby mode. ...

Active-active :— All nodes receive traffic.

11. What are the different types of environments disucssed during the class?

1.Testing Environment 3.Analysis Environment

2.Development Environment 4.Design Environment