

7. WEB HOSTING

1. What is mean by web hosting?

Web hosting is the service of providing storage space in a web server to serve files for a website to be made available on the internet.

2. Explain different types of web hosting?

a). Shared hosting : It is the cheapest option for web hosting. Here many different websites are stored in one single web server and they share the resources like RAM , CPU, Bandwidth etc. It is easy to use but if any web site using the server use more traffic then it slow down all other websites.

b). Dedicated hosting : It is expensive but the entire web server is assigned to the website. The client has the full freedom to choose the hardware and software for the server and full control over the web server.

c). Virtual Private Server(VPS) : It is a physical server that is virtually partitioned in to several servers using virtualization technology with softwares like FreeVPS, Virtualbox etc. VPS provide dedicated amount of RAM , Bandwidth etc . Each VPS works as fully independent servers. Its cost is less than dedicated server.

3. The companies that provide web hosting service are called

Web hosts

4. List the factors that decide the type of web hosting?

- Amount of storage space needed.
- The number of visitors expected to visit the website
- The use of resources like database, programming support etc..

5. VPS is?

Virtual Personal Server

6. What is co-location?

Co-location is the placing of your server machine in service providers facility and share their bandwidth as your own. It generally costs more than standard Web hosting, but less compared to the amount of bandwidth.

7. What does WHOIS information contains?

WHOIS information contains the name , address, telephone number and e-mail address of the registrant.

8. Why is “ A record “ important for a domain name?

“A Record” (Address Record) is used to store the IP address of a web server connected to a domain name. It is used to connect the domain name to the IP address of the server.

9. What is FTP? Compare FTP and SFTP

File Transfer Protocol (FTP) is used to transfer files from one computer to another in a network. In web hosting, an **FTP client software** is used to transfer files of our website from our computer to the web server.

For secure transfer SSH FTP (SFTP) is used. It encrypts and send information like user name password etc ..

10. What is mean by Free Web Hosting?

Free hosting provides web hosting services free of charge. The service provider displays advertisements to meet the charges. They may have some restrictions like amount of storage, types of files etc.

Free hosting services usually provide either their own sub domain(our sitename.host.com) or directory service(www.host.com/oursitename).

Free web hosting is useful to sharing content on the web between groups.

11. A supermarket wishes to take its business online. It plans to accept orders for its products through a website and receive payments online?**a). Which type of hosting is suitable for this website?**

Virtual Private server(VPS) is suitable for this.

b). Explain the reason for your choice?

Cost is less compared to dedicated server. Online payment requires secure transfer. By using VPS , we can set up our own security measures compared to shared hosting.

12. What is responsive web design?

Responsive web design is the custom of building a website suitable to work on every device and every screen size.

12. What is Content Management System(CMS)?

It is a web based software system which is capable of creating, administering and publishing web sites. It provide easy way to design and manage attractive web pages. The user can choose templates available for downloads.

It is economical and easy way to develop a web sites. Some popular CMS software are WordPress, Drupal, Joomla etc.