**1.- What is a Web server?**

Computer system that processes requests via HTTP, basic network protocol used to distribute information on the World Wide Web

**2.- What HTTP uses to identify resources on the Internet?**

Uniform Resouces Identifier (URIs). URIs that start with http:// are called URLs

**3.- Describe clearly the class status messages used in HTTP, such as 1XX, 2XX, 3XX, etc. and describe two within each class, such as 200, 404**

On the response that is received from the server its include HTTP/ and the version (1.1).

When you get the status of 200, the transaction was successful, meanwhile, on the 404 is not found.

**4.- What is MIME?**

Multipurpouse Internet Mail Extensions (MIME) standard that specifies the data formats, which

programs use to interpret data correctly

**5.- When it is recommended to use each one of the two most common HTTP requests, get and post? Explain.**

**Get** 🡪 Gets or retrieves information from the server, retrieve an HTML document or an image, etc.

**Post** 🡪 Typically posts or sends data to the server , information from a form or a user authentification

**6.- Describe clearly the difference between client-side scripting and server-side scripting, their advantages and disadvantages.**

**Client side scripting :**

Can be used to validate user input, to interact with the browser.

Can be viewed by the client.

The limitations are that they have browser dependendy, this means that the browser must support the scripting language.

**Server side scripting:**

Have a wider range of programmatic capabilities than their client side equivalents.

**7.- How can you access a local web server in your computer? Describe two ways.**

1. Using the computer name

2.The name localhost and translates the IP address 127.0.0.1

**8.- Which is the main web server used in HTML/Javascript and PHP web applications?**

Apache

**9.- What is XAMPP? What is the difference with LAMPP?**

XAMPP it’s a free open source cross-platform web server solution stack package, where you can download MySQL, PHP and Perl

Normally XAMPP is used for Windows and LAMPP on Linux

**10.- Find out what an application server is. Include the reference.**

Software framework that provides the facility to create web applications and a server environment to run them. Contains server layer model.

Reference: http://www.theserverside.com/feature/What-is-an-Application-Server

**11. Describe two applications servers, one for Java Web Applications and one for .NET Web Applications.**

For Java: Glassfish: Open source application server project, considered as the reference implementation of Java EE. It allows you to create enterprise portable and scalable, integrate with legacy technologies.

.NET Web Applications: AIS. ASP. Net Web Application server, open source, designed to produce dynamic web pages, web applications and web services.