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**Teacher’s Initial**

**Set-1**

**Class Test No.: 01 Semester:**

**ID Number: Course Title:**

**Course Code: Date:**

Time: 30 mins Total Marks: 15

1. **Answer the questions within two sentence (2\*3=6)**
   1. Name 2 Web servers with description.

**Ans**: Web servers: Apache, Tomcat, IIS

1. Apache is used for PHP.
2. Apache Tomcat (also known as tomcat) is used for JAVA.
3. IIS is used for C# and related language with ASP.NET framework.
   1. How many parts are there of an URL/URI? Name each part with necessity.

**Ans:** <http://www.host.company.com:80/a/b/c.html?user=Alice&year=2008#p2>

**Mandatory part:**

1. Scheme (http:): identifies **protocol** used to fetch the content.
2. DNS root www or Sub-domain – optional part before domain name.
3. Domain name – Mapped against a IP address of a machine. must be registered from a name server.
4. TLD - Top Level Domain, also known as extension. e.g. .com, .org, .net, .com.bd

**Optional part:**

Server's port number (80): allows multiple servers to run on the same machine.

Hierarchical portion (/a/b/c.html): used by server to find content.

Query parameters (?user=Alice&year=2008): provides additional parameters

Fragment (#p2): Have browser scroll page to fragment (html: p2 is anchor tag)

1. **See the structure carefully and write the HTML and CSS (9)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Home** | **Vission** | **About us** | | **Contacts** |
|  | | | | |
| **Features**   * Responsive * Fast Loading | | | **Login**  **Username:**  **Password:**  **Sign In In** | |