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IT-1
Web Design
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NOTEBOOK	

Part-A

1)

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
background-color: #d2d4ff
}
</style>
</head>
</html>
```

2) To create hyperlinks, or links that connect to another web page, we use the href tag.

```
<a href="www.google.com">Go to google </a>
```

The general format for this is: text Replaces "site" with the actual page URL that is supported to be linked to when text is clicked.

3) Protocols that help in web development:-

- TCP (transmission control protocol)
- FTP (file transfer protocol)
- HTTP (Hyper text transfer protocol)
- HTTPS (Hyper text transfer protocol secure)

4) The `
` tag is used to insert a single break line.

The `
` tag is useful for writing addresses or poem.

The `
` tag is an empty tag which means that it has no end tag.

5) Domain Name:-

A domain name is a unique, easy to remember address used to access website, such as 'google.com' and 'youtube.com'.

With the help of DNS system users can connect to website using domain names.

Part-B

6) Structure of a HTML ~~problem~~ Program:-

A HTML document is basically separated in two parts:

The head (HTML head tag)
The body (HTML body tag)

```
<!DOCTYPE ... >
```

```
<HTML>
```

```
<Head>
```

```
</Head>
```

```
<BODY>
```

```
</BODY>
```

```
</HTML>
```

- The DOCTYPE tag -: HTML tag begins with the basic declaration that defines what type of document it is. This declaration is made at the starting of the document.

```
<!DOCTYPE ..... >
```

- HTML tag -: It act as container for whole document.

Every character of the document should lie between html start and end tag.

```
<HTML>
```

```
</HTML>
```

- Head tag -: This section is document's head. All the information contained in the document head is loaded first.

It includes title, script, meta and so on.

```
<HEAD> ..... </HEAD>
```


- **Body tag** - It is container for visual part of the document.
Most of the tags in HTML can be inserted in the body section and will take care of the visual aspects of the document.

<Body>
:
</Body>

7) HTML offers web authors three way for specifying list of information.
All lists must contain one or more list elements.

- ** (unordered list)** - It is a collection of related items that have no special order or sequence.
This list is created using HTML tag.

- ** (ordered list)** - In ordered list, all the list items are marked with numbers by default. It is known as numbered list also.
The ordered list start with tag.

<dl> (Description list) -: It is also known as definition list where entries are listed like dictionary or encyclopaedia.

8) Website -: A website is a collection of web pages and related content that is identified by a common domain name and published on at least one web server.

Notable examples are -: wikipedia.org, google.com

All publicly accessible websites collectively constitute the world wide web.

Basic element of a good web design -:

Navigation -: The website design should be easy to navigate and the menu items should easily accessible from any page.

Visual design -: People are visually oriented creatures, and utilizing great graphics is a good way to make our website more appealing.

Content -: This is the backbone of our website.

Web friendly -: No matter how information, beautiful, and easy to use our website design is.

Interaction - A truly effective website design engages our visitors and continues to hold our attention through every page.

Branding - Our website should be a direct reflection of our business and our brand.

Part-C

10)

a)

Static Website

- Content of web pages can not be change at runtime
- No interaction with database is possible.
- It is faster to load as compared to dynamic website
- Low development cost
- No features of content management system
- HTML, CSS, Java script is used for developing the website.
- Some content is visible every time the page is loaded.

Dynamic website

- Content of web pages can be changed.
- Interaction with database is possible.
- It is slower than static website.
- Higher development cost
- Features of content management system.
- Server side language such as PHP, Node.js are used.
- Content may change every time the page is loaded.

```

10)
b) <!DOCTYPE>
    <html>
    <head>
        <title> FORM </title>
    </head>
    <body>
        <Form>
            <input id="name" type="text" placeholder="name">
            <br>
            <input id="phone no." type="number" placeholder="phone no."> <br>
            <input id="days" type="number" placeholder="Days"> <br>
            <select name="item">
                <option value="Op1"> Op1 </option>
                <option value="Op2"> Op2 </option>
                <option value="Op3"> Op3 </option>
            </select> <br>
            <text rows rows="10" cols="12" placeholder="suggestion"> <br>
            <button type="submit"> submit </button>
            <button type="submit" value="reset"> reset </button>
        </form>
    </body>
</html>

```