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**Sample Question Paper -2
(Term-2)**

**Class: X Session: 2021-22
Computer Applications (Code 165)**

Maximum Marks: 25

Time Allowed: 02 Hours

General Instructions:

1. The Question Paper contains three sections A, B and C. Each section is compulsory.
2. Section A has 4 questions of short answer type. Each question is of 2 marks. Internal choice is provided in 1 question.
3. Section B has 3 questions of Long Answer Type-I (LA-I). Each question is of 3 marks. Internal choice is provided in 1 question.
4. Section C has 2 questions of Long Answer Type-II (LA-II). Each question is of 4 marks.

Section-A (Total 8 Marks)

This section has 4 questions of short answer type. Each question is of 2 marks. Internal choice is provided in 1 question.

1. Describe a website. What is the use of URL?

Ans. A web site is a collection of World Wide Web (WWW) files that includes a beginning file called a home page. It is the combination of multiple web pages. URL (Uniform Resource Locator) is a unique address of a website through which a user can access the web site over the internet through World Wide Web.

OR

Define FTP and TELNET protocols.

Ans. The File Transfer Protocol (FTP) is a standard network protocol used to transfer computer files from one host to another host over a TCP-based network, such as the Internet. FTP is built on client-server architecture and uses separate control and data connections between the client and the server.

Telnet is a network protocol that allows a user on one computer to log into another computer that is part of the same network.

2. Giving a real life example, explain how a dynamic page different from static.

Static web page shows information which is fixed and does not need to change. For example, any article written on a topic on a particular date. Dynamic web page displays information that changes or it responds in different ways when user interacts with it. For example, when user enters a wrong password, the web page displays error message or a web page displays the count of currently logged on users.

3. Define anchor <a>(hyperlink) tag with syntax.

Ans. Hyperlink is most useful and widely used tag in HTML. Hyperlink is used to connect one page with another. You can connect different web pages with the help of the links to make a complete website.

Syntax: ...

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4. What is the role of CSS in DHTML?

Ans. A web site contains several hundred web pages. Any change that needs to be reflected on all or most of the web pages needs a lot of effort and man-hours. Using CSS, various formatting styles (colour, design, font, size, background etc.) of the web site are defined separately and each web page refers to these styles. Making a change in any style would automatically reflect that change in all the web pages referring to those styles. That is what CSS does. CSS is a way to apply styles on HTML elements.

Section-B (Total 9 Marks)

This section has 3 questions of Long Answer Type-I (LA-I). Each question is of 3 marks. Internal choice is provided in 1 question.

5. What is social networking and its platforms?

Ans. Social networking means conglomeration of people forming small groups or communities. Social networking sites provide platform for staying in touch with their dear ones.

A social networking service is an online service, platform, or site that focuses on facilitating the building of social networks or social relations among people who, for example, share interests, activities, backgrounds, or real-life connections. A social network service consists of a representation of each user (often a profile), his/her social links, and a variety of additional services. For example, Facebook and Twitter are two social networking sites.

6. Explain working of a web browser.

Ans. A web browser is a software application designed to help you access information on the World Wide Web. At its most basic, a browser will:

- It allows you to enter the URL of the resource you wish to retrieve from the internet.
- Send a message to a server requesting that resource.
- Accept the resource when the server returns it.
- Translate the resource into a correctly laid out, viewable web page.

OR

How is WWW different from the Internet?

Ans. The World Wide Web (WWW) is one set of protocol (software services) running on the Internet. The World Wide Web is a subset of these interactions and supports websites and URIs. World Wide Web can be termed as the software part – it is a collection of web pages connected through hyperlinks and URLs. Whereas, the Internet itself is a global, interconnected network of computing devices. This network supports a wide variety of interactions and communications between its devices. Internet is the hardware part - it is a collection of computer networks connected through copper wires, fiber optic cables or wireless connections.

7. Name any three type of chatting.

Ans. The most common types of chat are:

- Internet Relay Chatting (IRC): This is most common chat medium. IRC has become very popular as more people get connected to the Internet because it enables people connected anywhere on the Internet to join in live discussions. IRC is not limited to just two participants.

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- b) Web Chatting: A web chat is a system that allows users to communicate in real time (using easily accessible web interfaces). It is a type of internet online chat distinguished by its

simplicity and accessibility to users who do not wish to take the time to install and learn to use specialized chat software.

- c) Instant Messenger Chatting: It is a type of online chat which offers real-time text transmission over the Internet. These are special application programs which need to be downloaded separately. These are also known as Messenger Services Applications.

Section-C (Total 8 Marks)

This section has 2 questions of Long Answer Type-II (LA-II). Each question is of 4 marks.

8. Write any five uses of internet.

Ans. Five uses of Internet are:-

- Blog - A blog is an online personal journal or diary. It is a place to share your thoughts and your passions. It displays the freshest information at the top.
- E-banking – We can operate our bank accounts on internet without going to the banks. A number of banks provide their online banking (e-banking) solutions.
- E-shopping - It is a form of electronic shopping through which a user can buy goods and services from merchants over the Internet. Shoppers can visit web stores from the comfort of their homes and shop as they sit in front of the computer.
- E-Learning is electronic learning, in which the learner uses a computer to learn a task, skill, or process. It is also referred to as computer-based training, web-based training, and online learning. E-Learning can be even more effective than traditional, classroom learning.
- A social networking service provides platform that focuses on facilitating the building of social networks or social relations among people who share interests, activities, backgrounds, or real-life connections.

9. Briefly explain any two CSS properties of font, text, border and background.

Ans.

font-family - font property defining font face or family such as arial, impact etc.

font-size - font size property in numbers or defined notations

letter-spacing - spacing between adjacent letters

text-align – sets text alignment

border-width – sets the width of border

border-style – sets border style

background-image - sets a background image with the url of the image

background-repeat - specifies that background image will be repeated like tiles

An example is given below:

```
<style>
```

```
    H1{
```

```
        font-family:serif;
```

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```
font-size:xx-large;  
letter-spacing:3;  
text-align:right;  
border-width:5px;  
border-style:double;  
background-image:url("edusoftlogo.png");  
background-repeat:repeat-x
```

```
}
```

```
</style>
```

A large, faint watermark of the Edusoft logo is visible in the background, featuring a stylized book icon above the company name.

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