

EDUSOFT IT SOLUTIONS PVT LTD.

**Sample Question Paper -1
(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. List different types of web browsers.

Ans. Although the primary application of all the web browsers is the same, they differ from each other in more than one aspect. The distinguishing areas are:

- a. Text web browsers: - They support only text contents. 'Lynx' is a browser of this category.
- b. Graphical web browser: - They are more advanced than text browsers. They support both text and graphical.

OR

List some advantages of social networking.

Ans. Following are the advantages of social networking:-

- a) Support for learning.
- b) Support for members of an organization.
- c) Stay in touch with others.
- d) Ease of access to information and applications.

2. Define tag with example.

Ans. The tag is used to insert images in the web page. It has many attributes. Some of the attributes of image tag are given below.

Syntax:

3. Define CSS rule? Explain with one example.

Ans. CSS rule is a set of styles separated by semi colon. Each style includes a property and its value separated by colon. For example,

```
{  
    color: #ff00ff;  
    font-weight: 600;  
    background-color: lime;  
    text-decoration: overline  
}
```

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4. What do you mean by Empty element and Container element?

Ans. Empty element - In HTML, elements that have only opening tag are called empty elements.

There is no closing tag. These elements do not act on blocks of text. E.g.
, <HR>

Container Tag - In HTML, elements that include both an opening and a closing tag are called container elements. E.g. <A>, .

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. 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, fibre optic cables or wireless connections.

6. What is SMTP? Why it is required?

Ans. SMTP (Simple Mail Transfer Protocol) is a set of communication guidelines that allow software to transmit email over the Internet. It's a kind of shorthand that allows a server to break up different parts of a message into categories the other server can understand. Most e-mail systems that send mail over the Internet use SMTP to send messages from one server to another. The messages can then be retrieved with an e-mail client using either POP or IMAP.

OR

What do you mean by E- Groups? Write its three advantage and disadvantages.

Ans. An E-group or online clubbing is a group of persons or individuals who come together over the Internet for a specific or common purpose using the best Internet communication tools to share ideas, different opinions, experiences and to learn from each other.

Advantages of an E-Groups

1. It helps to create and maintain social relationship.
2. It facilitates communication among members.
3. It facilitates research as members assist one another.

Disadvantages of an E-Groups

1. There is no privacy, if intimate issues are discussed.
2. Every wrong information has a negative impact on each other.
3. It is hard to follow the logical sequence of discussion.

7. What do you understand by E-Learning? Mention five advantages of E-Learning.

Ans. 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. Advantages of e-learning are :-

- a) Class work can be scheduled around work and family.
- b) Reduces travel time and travel costs for off-campus students.
- c) Students may have the option to select learning materials that meets their level of knowledge and interest.

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- d) Students can study anywhere if they have access to a computer and Internet connection.
- e) Self-paced learning modules allow students to work at their own pace.

Section-C (Total 8 Marks)

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

8. What are the advantages of online reservation (ticket)?

Ans. Online reservation is a very useful and widely used feature on internet. It is a process through which a user can book the tickets for railways and airlines for the journey without going anywhere and can pay the money for the tickets also. Now a days, a user can book the hotel also. Advantage of Online reservation are following:

- a) Speed: Booking online allows you to make your reservation efficiently. We can book rail, airline and hotel reservation on just a click through internet.
- b) Convenience: You can book online anytime and anywhere.
- c) Variety: By booking online, you can see a variety of lodging and flight options for a particular destination, without having to call around to hotels and airlines. Multiple options help to select best one.
- d) Confirmation: When you book online, you have the satisfaction of knowing the reservation was made correctly. We can print out your confirmation, to avoid any type of problems to get to the hotel or airline.
- e) Price: When you book ticket many airlines provide ticket for a particular destination at different price. Online reservation provides facility to compare them and find a cost-effective solution.

9. What are span and div element used for. What is the basic difference between them?

Ans. HTML provides two elements which do not change the formatting and appearance of web page contents but they can be used to organise web page content into smaller blocks which are easy to organise and manage. These elements are span and div.

Using span and div we can divide web content into separate blocks or pieces of text.

span displays content inline that means there is no line break between two adjacent span blocks while div displays the content blocks, each new block in new line.

<HTML>

<head>

<title> Window title </title>

</head>

<body>

 This is span block 1.

 This is span block 2.

<DIV style="background-color:lightgreen"> This is div block 1. </DIV>

<DIV style="background-color:lightblue"> This is div block 2. </DIV>

</body>

</HTML>