CBSE Class 10 Computer Application Marking Scheme Term 2 for 2021-22

Marking Scheme

Class: X Session: 2021-22

Computer Applications (Code 165)

Maximum Marks: 25   **Time Allowed: 02 Hours**

Q No.	Section-A	Marks

1	HTML Code for Embedding Video :
	`<video controls><source src="VideoFile.mp4"></video>`
	HTML Code for Embedding Audio :
	`<audio controls><source src="AudioFile.mp3"></Audio>`
	
	1 mark for code of Embedding Video
	1 mark for code of Embedding Audio
		2

2	URL stands for Uniform Resource Locator. It is basically a web address that identifies a resource on the internet. An email address is an account on a mail server. The main difference is that an email address contains an '@' sign whereas a URL never has it. An email address does not start with a www. **1 mark for correct definition of URL.** **1 mark for correct difference** **OR** A newsgroup is an Internet-based discussion group. It is organized around a particular topic, eg cyber safety. People can post messages on the group regarding the topic. Anyone can join a discussion group A blog is more like a website where an individual or group of people write about anything that interests them eg, sports, culture etc. It is usually owned by an individual and we can only post comments on a blog if it is allowed to do so. **1 mark for correct definition of newsgroup.** **1 mark for correct difference**	2
3	Hyperlink allows us to link HTML elements (text and/or image) to another document or new section within the current document. Name : anchor tag, Syntax `<a href="Link Address">Hyperlink Text</a>` **1/2 mark for correct definition.** **1/2 mark for correct name of tag** **1 mark for correct syntax**	2
4	`<tr>` : defines table row. `<td>` : defines table data/cell.	2

	HTML Code \<table> \<tr> \<td>1\</td> \<td>Ajay\</td> \<td>Arts\</td> \</tr> \<tr> \<td>2\</td> \<td>Vijay\</td> \<td>Commerce\</td> \</tr> \</table> **1 mark for the correct role** **1 mark each for correct HTML Code**	
Q No.	**Section-B**	**Marks**
5	Internet is a world-wide network of interconnected computer networks and other devices. It provides us with a very easy, fast and convenient way to access any type of information. It uses the standard Internet Protocol (TCP/IP). Two uses: 1. To access any educational site example : khan academy. 2. To send and receive emails using an email service. The world wide web, or web for short, are the pages you see when you're at a device and you're online whereas the internet is the network of connected computers that the web works on. **1 mark for correct definition of Internet** **1 mark for uses** **1 mark for the difference between www and Internet**	3
6	E learning can be defined as a learning system which makes use of electronic resources mainly computers and the internet. It encompasses everything from traditional classrooms that incorporate basic technology to online schools and universities. Merits Since in e learning teachers use technology to teach, it is highly engaging. Students can learn anywhere, anytime according to their convenience thus saving a lot of time and money. **1 mark for correct definition** **1 mark each for two merits**	3

| 7 | A Web Browser is a software that can be used to browse and display pages available over internet whereas a web server is a software which provides these documents when requested by web browsers.
A web browser sends request to web servers for web services etc. and a web server responds to these requests by providing the required documents.
Google chrome is an example of a web browser whereas Apache server is an example of a web server.

1 mark for each correct difference.
1 mark for correct example of web browser and web server

OR

The main difference between a 3G and 4G mobile technology is the speed
<table><tr><td>3G, the 3rd generation of wireless mobile telecommunications tech</td><td>4G is the 4th generation of broadband cellular network technology, succeeding 3G.</td></tr><tr><td>A typical 3G phone can download files at a maximum speed of up to 21Mbps.</td><td>4G phone can download files at speeds of upto 1GBps</td></tr></table>
1.5 mark for each correct difference | 3 |

Q No.	Section-C	Marks
8 (i)	Video conferencing such as Skype, Zoom etc **1 mark for correct answer**	1
8 (ii)	SMTP(Simple Mail Transfer Protocol) and POP(Post Office Protocol) **1 mark for correct answer**	1
8 (iii)	SSH(Secure Shell) **1 mark for correct answer**	1
8 (iv)	Search engine / web browser **1 mark for correct answer**	1
8 (v)	Download the files from the link **1 mark for correct answer**	1

9	`<html>`
	`<head>`
	`</head>`
	`<body bgcolor="LightCyan">`
	
	`<h1>HTML TABLE</h1>`
	
	`<table border="1">`
	` <tr>`
		4

```
        <th>Roll Number</th>
        <th>First Name</th>
        <th>Last Name</th>
        <th>Class</th>
      </tr>
      <tr>
        <td>1</td>
        <td>FN1</td>
        <td>LN1</td>
        <td>12th</td>
      </tr>
      <tr>
        <td>2</td>
        <td>FN2</td>
        <td>LN2</td>
        <td rowspan="2">11th</td>
      </tr>
        <tr>
        <td>3</td>
        <td colspan="2">FN3 LN3</td>
      </tr>
</table>
</body>
<html>
```

**1 mark for correct <html> structure (i.e
<html><head></head><body></body></html>) and Specification-1**
1 mark for correct HTML code for Specification-2
1 mark for correct HTML code for Specification-3
1 mark for correct HTML code for Specification-4
1 mark for correct HTML code for Specification-5