

Sample Question Paper (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.

Q No.	Section-A (Total 8 Marks)	Marks
	This section has 4 questions of short answer type. Each question is of 2 marks. Internal choice is provided in 1 question	
1	Write suitable HTML Code to Embed audio and video in a webpage.	2
2	What do you understand by the term URL? How is it different from an email address? <div style="text-align: center;">OR</div> What do you understand by a newsgroup? How is it different from a blog?	2
3	What is a Hypertext link? Give the name and the syntax for the HTML tag which is used for creating a Hypertext Link.	2
4	Rohit, a student of Class X, wants to represent a table in webpage but he is unaware about the table tags. Explain him the role of <tr> and <td> tag. Write HTML code of a table and show the use of <tr> and <td> tag.	2
	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	Define Internet and write its two uses in our daily life. How is it different from the World Wide Web (www).	3
6	What is e-learning? Explain any two merits of e-learning	3
7	“A web browser is different from a web server”. Explain any two differences in web browser and web server with suitable example of each. <div style="text-align: center;">OR</div> Explain any two differences between 3G and 4G mobile technologies.	3
	Section-C (Total 8 Marks) This section has 2 questions of Long Answer Type-II (LA-II). Each question is of 4 marks. Question-9 is of case-based type.	

8	<p>Read the case study given below and attempt any 4 sub-questions (out of 5). Each sub-question carries 1 mark.</p> <p>Mr. Harish, an accountant, works in an IT firm and due to the pandemic, has been asked to work from home. He has set up his online office at his home. He has purchased a laptop, web camera and other accessories. Now he has started working from home and performs his various duties online.</p>																
(i)	Mr. Harish wants to hold an online meeting with the company's client such that he can interact as well as see them. Which web service should he avail?	1															
(ii)	Mr. Prithvi sends an email to Harish requesting him to prepare the balance sheet. Which network protocol is involved during this email communication?	1															
(iii)	The company's financial head needs to send some high security documents to Mr. Harish. He uses an application which supports the _____ protocol.	1															
(iv)	In order to gather some information on latest accounting trends, Mr. Harish has to do some research. He can do this by locating sites online using a _____.	1															
(v)	Joseph, the company secretary sends a link to Mr. Harish which contains important company files. What should he do in order to access the files?	1															
9	<p>Write the HTML code to design the web page as shown below, considering the specifications as given below. Students can write code for any 4 specifications out of the given 5 specifications.</p> <div style="text-align: center; background-color: #E0F7FA; padding: 10px;"> <h2 style="margin: 0;">HTML TABLE</h2> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Roll Number</th> <th style="padding: 5px;">First Name</th> <th style="padding: 5px;">Last Name</th> <th style="padding: 5px;">Class</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">1</td> <td style="padding: 5px;">FN1</td> <td style="padding: 5px;">LN1</td> <td style="padding: 5px;">12th</td> </tr> <tr> <td style="padding: 5px;">2</td> <td style="padding: 5px;">FN2</td> <td style="padding: 5px;">LN2</td> <td style="padding: 5px;">11th</td> </tr> <tr> <td style="padding: 5px;">3</td> <td colspan="2" style="padding: 5px;">FN3 LN3</td> </tr> </tbody> </table> </div> <p>Specification-1 : The HTML code structure should be proper. Heading 'HTML TABLE' should be the first level of heading and Background color of the page should be LightCyan.</p> <p>Specification-2 : The value of the table border attribute should be 1. Table header tag should be used wherever required.</p> <p>Specification-3 : The table should exactly contain 4 rows and 4 columns. The data in each cell should be as shown in the above table.</p> <p>Specification-4 : Attribute rowspan should be used wherever required.</p> <p>Specification-5 : Attribute colspan should be used wherever required.</p>	Roll Number	First Name	Last Name	Class	1	FN1	LN1	12th	2	FN2	LN2	11th	3	FN3 LN3		4
Roll Number	First Name	Last Name	Class														
1	FN1	LN1	12th														
2	FN2	LN2	11th														
3	FN3 LN3																