

**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)<br>This section has 4 questions of short answer type. Each question is of 2 marks. Internal choice is provided in 1 question                                                                   | Marks |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 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?<br><br>OR<br>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     |
|       | <b>Section-B (Total 9 Marks)</b><br><b>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.</b>                                            |       |
| 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.<br><br>OR<br>Explain any two differences between 3G and 4G mobile technologies. | 3     |
|       | <b>Section-C (Total 8 Marks)</b><br><b>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.</b>                                                   |       |
|       |                                                                                                                                                                                                                          |       |

| 8           | <p><b>Read the case study given below and attempt any 4 sub-questions (out of 5). Each sub-question carries 1 mark.</b></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. Pritish 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><h2>HTML TABLE</h2><table><tr><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></div> <p><b>Specification-1 :</b> 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><b>Specification-2 :</b> The value of the table border attribute should be 1. Table header tag should be used wherever required.</p> <p><b>Specification-3 :</b> 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><b>Specification-4 :</b> Attribute rowspan should be used wherever required.</p> <p><b>Specification-5 :</b> 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |            |           |       |   |     |     |      |   |     |     |      |   |         |  |   |