**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, December 2022**

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|  | **1BC1016** | Roll No. | Total Printed Pages: 2 |
| **1BC1016** |  |
| BCA I Year I-Semester (Main/Back) End Semester Examination, December 2022  **(All Spl.)** | |
| **BCACCA1103 : Web Designing** | | | |

# Time: **3** Hours. Total Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1.--------------------------Nil--------------------** **2.------------------Nil-----------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | What is TCP protocol> Why do you need them? Discuss the working of the same. | **(6)** | **Understanding** |
|  |  |  |  |  |
|  | **(b)** | Differentiate between HTTP and HTTPS. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.2** | **(a)** | What is the basic structure of HTMLdocument? Discuss in detail. | **(6)** | **Understanding** |
|  |  |  |  |  |
|  | **(b)** | Write a short note on Front end and back end web development. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | What are 3 CSS Selectors? Explain in details with the help of the code. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  | **(b)** | Explain the three ways to add CSS in HTML File. Explain with the help of the code | **(6)** | **Understanding** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.4** |  | Define Ordered and Unordered Lists in HTML. Write a code to create the following :-  **Convocation Ceremony Gold Medallists**   * Computer Engineering  1. Rahul Nyati 2. Kiran Gera  * Computer Applications  1. Jagrite Jain 2. Saksham Jain | **(12)** | **Creating** |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | Canvas being the most important part of HTML 5 Elements.to justify the statement, write a program to draw a rounded rectangle, | **(6)** | **Creating** |
|  |  |  |  |  |
|  | **(b)** | What is the purpose of <audio> tag in HTML5? Support your answer with an example, syntax, attributes and its description. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.6** | **(a)** | Differentiate between local and session storage. Write a program to increase the number of hits when a user refreshes a page. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  | **(b)** | Write short notes on:-   1. Figcaption 2. Summary and detail tags 3. Header and footer tags | **(6)** | **Understanding** |
|  |  |  |  |  |
|  |  | **UNIT-IV (CO4)** |  |  |
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| **Q.7** | **(a)** | Discuss the different types of elements an XML file can contain with the help of examples of each. | **(6)** | **Analyzing** |
|  |  |  |  |  |
|  | **(b)** | Write the rules of XML declaration. What is well formed and validated XML. Explain in detail. | **(6)** | **Understanding** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.8** | **(a)** | What are attribute name and attribute value in XML. Write the dtd for the following  <page>  <title> End Semester Examination</title>  <content> It covers the entire syllabus</content>  <!--<comment> ALL THE BEST </comment>-->  </page> | **(6)** | **Creating** |
|  |  |  |  |  |
|  | **(b)** | What is an entity? Give Example. Explain different types of entities in detail | **(6)** | **Understanding** |
|  |  |  |  |  |
|  |  | **UNIT V (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | Elaborate different methods to increase traffic on a website. | **(6)** | **Analyse & apply** |
|  |  |  |  |  |
|  | **(b)** | Analyze different types of Websites and their uses | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | Analyze the mechanism of Web Server. Differentiate between the web Server and Application Server with the help of diagram | **(6)** | **Analyse** |
|  |  |  |  |  |
|  | **(b)** | Discuss a case study to design a website. Draw its structure | **(6)** | **Apply** |