

Registration Number:

Date & session:

**ST JOSEPH’S UNIVERSITY, BENGALURU -27**

**B.VOC. DIGITAL MEDIA & ANIMATION – IV SEMESTER**

**SEMESTER EXAMINATION: May 2024**

**(Examination conducted in May/June 2024)**

**VOA 4123/4121: Web Development**

**(For regular and supplementary students)**

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| **Time- 2 Hours** | **Max Marks - 60** |

**This paper contains ONE printed page and THREE parts**

**PART A**

**I. Answer any FIVE in 200 words each OR follow instructions as per the question if number of words are not applicable. (5X5 = 25)**

1. What is syntax in HTML explain.
2. What are HTML tags? Give examples with explanations.
3. Write a program to implement all the relational operators.
4. Explain any 5 String methods.
5. Differentiate between a List and a Dictionary.
6. Write a program to ask the user to enter a string and display the number of words in the string.
7. Discuss the evolution of the internet.

**PART B**

**II. Answer any TWO in 350 words each OR follow instructions as per the question if number of words are not applicable. (2x10=20)**

1. Distinguish between absolute and relative URL.
2. a) Write a user defined function to check if a given number is prime or not.

b) Write a program to print multiplication tables from 2 to 20. **(7+3)**

1. a) Write a program to find the sum of digits of a number

b) Define append, pop, insert, and sort in a list. **(6+4)**

**PART C**

**III. Answer any ONE in 400 words OR follow instructions as per the question if number of words are not applicable. (1x15=15)**

1. Elucidate the advantages of CSS.

12. a) Ask the user to enter a string and count the number of vowels in that string

b) Explain the different dictionary methods **(8+7)**

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