

M.C.A. - I (2 Years) New CBCS Pattern Semester-I  
**PSMCAT103 - Paper-III - Scripting Languages**

P. Pages : 2

Time : Three Hours



**GUG/W/24/13637**

Max. Marks : 80

- 
- Notes :
1. All the questions are compulsory and carry equal marks
  2. Draw neat and labelled diagram wherever necessary.
  3. Avoid vague answer and write specific answer related to question.

**Either:**

1. a) Explain different Mark-up Tags in detail. 8
- b) What is Pseudo class in CSS? Explain class Box Model properties in detail. 8

**OR**

- c) What is Hyperlink? Write a program in HTML to demonstrate Hyperlink. 8
- d) What is CSS styling? Write a program to illustrate the concept of frames in HTML. 8

**Either:**

2. a) What is XML structure? Give the difference between XML and HTML. 8
- b) List and Explain looping and sorting in XML. 8

**OR**

- c) Write a note on: 8
  - i) Document type declaration in DTD.
  - ii) Element type declaration in DTD.
- d) Write a program in XSL to sort ten elements in ascending order. 8

**Either:**

3. a) What is JavaScript? Explain the Datatypes of JavaScript in detail. 8
- b) Explain various control structures of JavaScript. 8

**OR**

- c) Explain various control structures of JavaScript. 8
- d) Discuss Event handling and JS string function in detail. 8

**Either:**

- |           |    |  |          |
|-----------|----|--|----------|
| <b>4.</b> | a) | Write and explain any four function available in Python.         | <b>8</b> |
|           | b) | What is Modules in Python? Explain Exception handling in Python. | <b>8</b> |

**OR**

- |           |    |  |          |
|-----------|----|--|----------|
|           | c) | Write a Python program to print and find sum of n items of Fibonacci series. | <b>8</b> |
|           | d) | Write a python program to demonstrate exception handling.                    | <b>8</b> |
| <b>5.</b> |    | Solve all the questions.   |          |
|           | a) | Design a web page to insert image and multimedia.                            | <b>4</b> |
|           | b) | Explain XML Namespaces in detail.  | <b>4</b> |
|           | c) | List and Explain JavaScript math function.                                   | <b>4</b> |
|           | d) | Write a note on standard library in Python scripting.                        | <b>4</b> |

\*\*\*\*\*