

Master of Computer Application (MCA-II) (CBCS Pattern) Third Semester  
**PMCAT303 - Paper-III : Scripting Languages**

P. Pages : 2

Time : Three Hours



**GUG/W/18/11103**

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 answers and write the answers relevant and specific to questions only.

**1. Either**

- a) Explain the basic structure of HTML document. Give example. **8**
- b) What is Hyperlink? Write a program in HTML to demonstrate Hyperlink. **8**

**OR**

- c) Describe with example. **8**
  - i) Positioning
  - ii) Floating.
  - iii) Align
  - iv) Attribute sector.
- d) Write a detailed note on CSS. **8**

**2. Either**

- a) Explain with example the XML syntax checking. **8**
- b) Write a program in XSL to sort ten elements in ascending order. **8**

**OR**

- c) Write a note on **8**
  - i) Document type declaration in DTD.
  - ii) Element type declaration in DTD.
- d) What is XML? Explain the information organization in XML. **8**

**3. Either**

- a) What is JavaScript? Explain with example its basic syntax. **8**
- b) Explain with syntax and example and four JS array function. **8**

**OR**

- c) Explain various control structures of JavaScript. **8**
- d) Write a JS program to enter two strings, store them in third. After storing display all 3 strings use JS string functions. **8**

4. Either
- a) Write and explain any four functions available in Python. 8
  - b) Write a python program to print and find sum of 'n' terms of Fibonacci series. 8

**OR**

- c) Explain the following concept with related to web application in python. 8
    - i) Web application frame work.
    - ii) Classes
  - d) Write a Python program to demonstrate exception handling. 8
5. Solve all the questions.
- a) Design a webpage to insert image and multimedia. 4
  - b) Write a short note on XML Namespace. 4
  - c) Explain with syntax and example any two JS Math function. 4
  - d) Write a note on standard library in python scripting. 4

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