PSMCAT103 - Paper-III : Scripting Language

P. Pages : 2

Time : Three Hours

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GUG/S/23/13637

Max. Marks : 80

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Notes :   1.   All questions are compulsory and carry equal marks.
2.   Draw neat and labelled diagrams wherever necessary.
3.   Avoid vague answers and write answers relevant and specific to questions only.

Either:

1.   a)   What is HTML? Explain with example.   **8**

         i)   Character formatting tag.

         ii)   Block formatting tag.

    b)   What are frame tags? Explain the frames by writing a HTML program.   **8**

<div align="center">

OR

</div>

    c)   What is Hyperlink? Write a program in HTML to demonstrate Hyperlink.   **8**

    d)   Design a web page to include ordered, unordered lists.   **8**

Either:

2.   a)   Explain with example the XML syntax checking.   **8**

    b)   Write a program in XML to demonstrate the use of JAXP and SAX, JAXP and DOM.   **8**

<div align="center">

OR

</div>

    c)   Explain Attribute declaration and conditional section along with limitation of DTD.   **8**

    d)   Write a program in XSL to sort ten elements in ascending order.   **8**

Either:

3.   a)   What is JS event and JS object? Demonstrate its use in JavaScript.   **8**

    b)   What is JavaScript? Explain with example its basic syntax.   **8**

<div align="center">

OR

</div>

    c)   Explain event handling with suitable example.   **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**

Either:

4. a) Write a Python Script line for import, regular expressions. **8**

b) Write a python program to print and find sum of 'n' terms of Fibonacci series. **8**

OR

c) Write and explain any four functions available in Python. **8**

d) Explain built-in-function and methods in Python with example. **8**

5. Attempt **all** the questions.

a) Design a webpage to insert image and multimedia. **4**

b) What is FONT tag? Explain its different attributes. **4**

c) Write note on Document Model Object. **4**

d) Write a note on standard library in python scripting. **4**

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