R20

Code No: 824AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, March/April - 2022
WEB TECHNOLOGIES

Time: 3 Hours   **Max.Marks:75**

Answer any five questions
All questions carry equal marks
- - -

1.a)   Explain various Loop Control Structures in PHP with syntax.
  b)   Develop a PHP program to connect MySQL database and perform DML operations.[7+8]

2.a)   Explain String operations in PHP with an example.
  b)   Develop a PHP program to count the number of lines, words, character in the given file.
                                                                                                                              [7+8]

3.a)   What is a Parser? Compare and Contrast DOM and SAX Parsers.
  b)   Explain with an example, how can you check an XML document is both valid and well
        formed document?   [7+8]

4.a)   What is a XML? Explain its features.
  b)   Explain document object Model.   [7+8]

5.a)   Explain the Servlet architecture and the various life cycle methods invoked by the servlet
        container.
  b)   List and explain the classes of javax.servlet package.   [8+7]

6.a)   Write and discuss a Servlet program for reading Servlet parameters and Reading
        initialization parameters.
  b)   What is Session? Discuss how the Session management is supported by Servlets? [8+7]

7.a)   What are JSP Directive Elements? Discuss each of them with an example.
  b)   Explain how error handling and debugging will be done in JSP.   [8+7]

8.a)   Discuss in detail the predefined methods of DATE and STRING objects of Java Script with
        an example.
  b)   Write about JavaScript operators.   [8+7]

---oo0oo---