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Code No: 873AB

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

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

Answer any five questions
All questions carry equal marks
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1.a) Explain the different control structures used in PHP.
b) Write a PHP script for searching a website URL for a keyword or sentence. [7+8]

2.a) Explain database connectivity in PHP with reference to MYSQL.
b) Write a PHP code to open and read content of the file. [8+7]

3.a) Create an XML schema for employee details.
b) How to embed an image in the web page. Discuss any five attributes used in <img> tag. [7+8]

4.a) Create a Quiz form using HTML tags. The sample output is as follows HTML stands for
- HighText Machine Language
- HyperText and links Markup Language
- HyperText Markup Language
- None of these

b) What is XML Schema? State its purpose and list its advantages over DTD. [8+7]

5.a) Describe the servlet architecture and the interfaces invoked by the servlet container.
b) Demonstrate the use of cookies in servlets with an example. [7+8]

6.a) Write a servlet program to retrieve data from the database.
b) Develop a servlet that handles an HTTP GET request. [7+8]

7. Explain in detail of how to use Java Beans in JSP pages with suitable example. [15]

8.a) How is Client side Java Script different from Server side Java Script?
b) Write a Java Script for sorting the elements of an array using functions? [7+8]

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