

Exam. Code : 208603

Subject Code: 4825

M.Sc. Information Technology 3rd Semester
(Batch 2020-22)

ADVANCED WEB TECHNOLOGIES

Paper—MIT-302

Time Allowed—3 Hours] [Maximum Marks—100

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The **FIFTH** question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. (a) Discuss any five features of CSS. 10
(b) Explain the procedure for developing server site using ASP.NET. 10
2. (a) Create a form using HTML for accepting user's inputs and submitting form data. Explain the code snippet for displaying user information. 10
(b) What is meant by panel control ? Explain the uses of panel for creating a website. 10

SECTION—B

3. (a) What is meant by validation control ? Explain different validators available in PHP. 10
(b) Write a code snippet for accepting file uploads using ASP.NET. 10

4. Explain the working of the following controls :—
 - (a) Displaying a wizard. 5
 - (b) Creating a master page. 5
 - (c) Displaying a calender. 5
 - (d) Displaying page views. 5

SECTION—C

5. (a) Explain the steps to execute database commands using SQL and ASP.NET. 10
(b) How is caching database helpful for website development ? Explain. 10
6. (a) Write and explain the code snippet used for implementing bulleted list control. 10
(b) Explain the applications of dropdown list control. 5
(c) Discuss the working of grid view control. 5

SECTION—D

7. (a) Differentiate connected and disconnected data access. 10
(b) Explain the role of session control for maintaining state of a web application. 10
8. Explain the working of the following concepts :—
 - (a) Partial Page Caching. 10
 - (b) SQL Caching Dependencies. 10