

Exam. Code : 208603

Subject Code : 4719

M.Sc. Information Technology 3rd Semester

ADVANCED WEB TECHNOLOGIES

Paper—MIT-302

Time Allowed—Three Hours] [Maximum Marks—100

Note :—Attempt **FIVE** questions in all by selecting **ONE** question from each Section A, B, C and D. The **fifth** question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. (a) Discuss the features of HTML. 10
(b) How PHP is used for server site development ?
Explain. 10
2. Discuss the following concepts :
 - (a) Accepting input from user. 10
 - (b) Submitting from data. 10

SECTION—B

3. (a) What are validation controls ? Discuss the working of range validation control. 10
(b) Explain the procedure for displaying calender on a web page. 10

4. Explain the following concepts by taking suitable examples :
- (a) Creating a master page. 10
 - (b) Displaying different page views. 10

SECTION—C

5. (a) Discuss the procedure for connecting database to a web page. 10
- (b) What are different list controls available in ASP.NET ? Explain. 10
6. Elaborate the following concepts used for website development :
- (a) Grid View Control. 10
 - (b) Radio Buttons. 10

SECTION—D

7. (a) What is the method used for building data access components using ADO.NET ? Explain. 10
- (b) Why user profiles are needed for maintaining the state of web application ? Discuss briefly the role of cookies for web applications. 10
8. Write short note on the following concept used for development of web applications :
- (a) Caching Application Pages. 10
 - (b) Synchronous database commands. 10