

M.Sc.-II (Computer Science) (CBCS Pattern) Semester - IV  
**PSCST15 - Paper-III : Web Designing Using ASP.NET**

P. Pages : 2

Time : Three Hours



**GUG/S/23/11350**

Max. Marks : 80

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

**Either:**

1. a) Explain in details feature of ASP.Net. 8
- b) Explain any four ASP.Net core server controls with example. 8

**OR**

- c) Explain in detail about web services. 8
- d) What is web forms? Explain components of web forms. 8

**Either:**

2. a) Explain the Architecture of ADO.Net in detail. 8
- b) Write a program to check given number is palindrome or not using controls. 8

**OR**

- c) Create a login web page which checks the user name and password from database. 8
- d) Explain, how ASP pages can be upgraded to ASP.Net. 8

**Either:**

3. a) Explain any two validation control by giving suitable example. 8
- b) Create a Registration Module which adds username, full name, Email, Password, Contactno, Gender in database. The data is entered by the user on the web forms. 8

**OR**

- c) Explain the concept of Logging Exceptions by giving suitable example. 8
- d) Create an application to retrieve the Donar details (DonarNo, Name, Gender, Age, Blood-Group) from the database and display on the web form. 8

**Either:**

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|-----------|--|----------|
| <b>4.</b> | a) Explain in detail, the procedure of installing a program/package after creation of web application. | <b>8</b> |
|           | b) Write an application in ASP.NET to explain the concept of web services.                             | <b>8</b> |

**OR**

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|-----------|---|----------|
| c)        | Write a web application to demonstrate the creating Tests and Running Test concept. | <b>8</b> |
| d)        | What is meant by Deploying web application? Explain in detail.                      | <b>8</b> |
| <b>5.</b> | Solve <b>all</b> the questions.   |          |
| a)        | Write a short note on web forms internals.  | <b>4</b> |
| b)        | What is master page? Write advantages of using master page.                         | <b>4</b> |
| c)        | What is Exception Handling? Explain in short.                                       | <b>4</b> |
| d)        | Explain the difference between Authenticating and Authorizing users.                | <b>4</b> |

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