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III/IV B.Tech (Regular) DEGREE EXAMINATION

August, 2021
Sixth Semester

Computer Science & Engineering
Middleware Technologies

Time: Three Hours

Maximum: 50 Marks

Answer Question No. 1 Compulsorily.

(10X1 = 10 Marks)

Answer ANY ONE question from each Unit.

(4X10=40 Marks)

1. a) List the available list controls in ASP.NET.
- b) What is Query String?
- c) What is State management in ASP.NET?
- d) Define Cookie.
- e) What is Grid View?
- f) What are the types of Data Binding?
- g) What is the use of Master Page?
- h) What is MVC architecture?
- i) What is the need for a WCF Service?
- j) Define Web Server.

CO1
CO1
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CO4

Unit - I

2. a) Discuss in detail about the building blocks of .NET?
- b) Explain about various Web Control Classes in ASP.NET with an example application.

CO1 5M
CO1 5M

(OR)

3. a) Create an application in ASP.NET that accepts the Username, Password from the user.
- b) Design an ASP.NET application to display a table dynamically.

CO1 5M
CO1 5M

Unit - II

4. a) Explain the State Management Techniques used in ASP.NET
- b) Discuss about AdRotator class with an example.

CO2 5M
CO2 5M

(OR)

5. a) Explain different types of Styles available in ASP.NET
- b) Design a login form to demonstrate ASP.NET validation controls

CO2 5M
CO2 5M

Unit - III

6. a) Explain Data Binding with ADO.NET with an example.
- b) Discuss about Gridview control with an example

CO3 5M
CO3 5M

(OR)

7. a) Create an application to display student details from student table using Direct Data Access
- b) List the differences between Datareader and Dataset.

CO3 5M
CO3 5M

Unit - IV

8. a) Discuss about LINQ to Object with an example application
- b) Discuss about LINQ to SQL with an example application

CO4 5M
CO4 5M

(OR)

9. a) Create a Simple Data-Entry Application with the use of Model View controller.
- b) Discuss in detail about WCF service.

CO4 5M
CO4 5M