

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER -2024
SEMESTER - III

Sub.: Programming & Designing with ASP.NET (MSC -301 -22)

Date : 26/12/2024

Total Marks : 60

Time: 2.00 pm To 4.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q. 1. Answer the following in 2-3 lines. (Any 5) (10)

1. What is ASP.NET?
2. Which layer of .net framework makes ASP.net platform independent?
3. What are the server controls in ASP.NET?
4. Why to use partial class in ASP.net?
5. What is the purpose of a Web.config file in ASP.NET?
6. What is boxing & unboxing in C#?
7. What is ViewState in ASP.NET?

Q. 2. Answer the following in short. (Any 4) (20)

1. Differentiate ASP & ASP.Net
2. Explain the role of Global.asax and Web.config in an ASP.NET application.
3. Write a program in ASP.net to create & retrieve the content from the cookie.
4. Explain validator controls.
5. Explain abstract class in C# with example.
6. Explain dataset & data adapter.

Q. 3. Answer the following in detail. (Any 3) (30)

1. Explain client & server state management in ASP.net.
 2. Write down the program to display records of a table using disconnected architecture.
 3. Explain the ASP.NET page life cycle.
 4. Explain .Net architecture with the help of neat diagram.
 5. Explain polymorphism using C# with example.
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