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MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : MAY-2024
SEMESTER - III
Sub.: Prog. & Designing with ASP.NET (MSC -301 -22)

Date :29/05/2024	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 do you mean by value type & reference type?

2. What is System namespace?

3. Define exception.

4. Why sealed classes are used?

5. What is code behind in ASP.Net?

6. What is delegate?

7. Write any 2 features of ASP.Net

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

1. List & explain events in global.asax file.

2. Write down difference in ASP & ASP.Net

3. Write down the C# class to demo constructor overloading.

4. Write down the syntax of foreach loop in C#.

5. Write down the code for Jagged array in C#.

6. Explain MSIL, FCL,CLS,CTS & CLR.

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

1. Explain all steps to save and display records from database using connected architecture with example.

2. Explain session & application object.

3. Explain any 5 web server controls.

4. List and explain ASP.Net page life cycle events.

5. Explain in detail validation controls.