# TILAK MAHARASHTRA VIDYAPEETH, PUNE
## MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
## EXAMINATION : DECEMBER -2022
## SEMESTER - III
### Sub.: Prog. & Designing with ASP.NET (MSC -300 -19)

**Date : 14 /12/2022**     **Total Marks : 60**     **Time: 10.00 am to 12.30 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 web.config and machine.config?

2. Why Master pages are used?

3. What is a Web Service?

4. What is codebehind model?

5. What is a Web Form?

6. List Navigator controls available in ASP.net.

7. What is a cookie?

**(20)**

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

1. Write a program in ASP.NET to demonstrate use of Check Box in a form.

2. What is Data Adapter?

3. What is the difference in ASP and ASP.net

4. What do you mean by Validation Controls? Give one example each.

5. What are the different authentication modes in ASP.net?

6. What is difference in executeScalar() and executeNonQuery()?

**(30)**

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

1. Write a short note on State Management.

2. Explain .net framework.

3. Write a program in ASP.net to display records using Connected architecture.

4. Discuss polymorphism with example.

5. Explain concept of exception with example.

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