

# M.Sc. Third Semester (Main/Back) Examination, Dec. – 2023

## INFORMATION TECHNOLOGY

### FIRST PAPER

### Dot Net Technology

Paper Code : 81311

**Time Allowed: Three Hours**

**Maximum Marks : 70**

*No supplementary answer book will be given to any candidate. Hence the candidates should write the answers precisely in the main answer book only*

**(Attempt all six questions)**

**Part I (Question No. 1 & 2) is compulsory & Part II (Question No. 3, 4, 5 & 6) has internal choice.**

#### PART- I

**1. Attempt any 10 questions out of the following. Each question carries 1 mark. 10x1=10**

- What are components of .NET framework?
- What is Meta Data?
- What is Web Service?
- Explain the .Net name spaces.
- Explain Web forms.
- Explain Debugging.
- What are Web Controls?
- What do you mean by ASP .Net?
- Explain ADO.
- What is OLEDB?

**2. Attempt all questions. Each question carries 5 marks.**

**4x5=20**

- Elaborate control flow statements in detail.
- Explain various validation controls available in ASP .NET in detail.
- What is Master Page? How is it created in ASP .NET?
- Explain different ADO objects in detail.

#### PART II

##### Unit I

**3. Discuss the framework ,features & architecture of .NET.**

**10**

**OR**

Explain in detail about .NET framework and .NET platform design goals.

**10**

**P.T.O**

**Unit II**

4. Explain in detail about the ASP .Net Control and Catching. **10**

**OR**

What do you understand by the Rich Web Controls and Custom Web Controls? Explain. **10**

**Unit III**

5. Explain in detail about the Web Services Infrastructure and Standards. **10**

**OR**

What do you mean by Web Controls and working with Web Config file? Explain in detail. **10**

**Unit IV**

6. Write a short note on ADO.Net providers?. Explain in detail about the accessing data bases using ADO.Net with an example. **10**

**OR**

Write a short note on XML. Explain n detail about the reading and writing XML. **10**

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