

M.Sc. Third Semester Examination, Jan – 2023
INFORMATION TECHNOLOGY**FIRST PAPER****Dot Net Technology**

Paper Code : 81301

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**

- a) What is Server Control ?
- b) What is the Web. Config file?
- c) Which compiler is used in ASP. NET ?
- d) How many types of Server Controls are supported by ASP. NET?
- e) What is Meta Data ?
- f) What does the method 'Finalize' do in ASP.NET ?
- g) Explain Cookies in ASP.NET ?
- h) XML stands for what ?
- i) Enlist the ADO objects in ADO.NET .
- j) What is Navigation Control in ASP.NET ?
- k) What is the difference between ASP and ASP.NET ?
- l) How does ASP.NET work ?
- m) Name the parent class of Web Server Control ?

2. Attempt all questions. Each question carries 5 marks.**4x5=20**

- a) Discuss and illustrate ASP.NET architecture.
- b) Discuss about the life cycle of ASP.NET page.
- c) What is the purpose of Web Services in ASP.NET ?
- d) What are the various Data Set types in ADO.NET? Discuss in brief.

P.T.O.

PART II

Unit I

3. What are the advantages of ASP.NET ? Discuss GET method () and POST method () in brief. **10**

OR

What is .NET ? Discuss . NET framework to develop types of applications and services. **10**

Unit II

4. What do you mean by 'Rich Web Controls' and 'Custom Web Controls' ? Discuss. **10**

OR

How to create and deploy ASP.NET application ? Explain briefly. **10**

Unit III

5. Discuss and differentiate between the Website and Web Application. **10**

OR

Discuss the process to deploy web services. **10**

Unit IV

6. Write code to send e-mail from an ASP.NET application. **10**

OR

Explain ADO.NET with its various features in brief. **10**
