

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year II Semester Regular & Supplementary Examinations April-2026
.NET TECHNOLOGIES

Time: 3 Hours**Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Explain about goals in .NET Framework CO1 L3 6M
b Discuss about .NET in detail. CO1 L2 6M

OR

- 2 a Identify various namespaces and classes used in .NET Programming. CO1 L1 6M
b List out various methods in Object class. CO1 L2 6M

UNIT-II

- 3 a What is an MDI Form? Identify the properties to set a form as an MDI Form. CO2 L2 6M
b What is a Menu? Explain the properties and events of a Menu in VB.NET. CO2 L2 6M

OR

- 4 a What are the features of VB.Net? CO2 L2 6M
b What are the various Conditional Statements in VB.NET? CO2 L2 6M

UNIT-III

- 5 a Define an array? Give an example to declare an array? CO3 L1 6M
b Explain the types of array with an example. CO3 L2 6M

OR

- 6 a Explain about various C# conditional statements with example program. CO3 L2 6M
b List out the various C# looping statements with example program. CO3 L1 6M

UNIT-IV

- 7 a Demonstrate ExecuteNonQuery for inserting a student record. CO4 L2 6M
b Demonstrate ExecuteReader for displaying student record. CO4 L2 6M

OR

- 8 a Write an application to display the numbers from 1 to n in VB.NET. CO4 L1 6M
b Write short notes on ADO .Net providers. CO4 L1 6M

UNIT-V

- 9 a What is a session in ASP.Net? Explain Session events. CO5 L1 6M
b What is a Cookie? Explain with types. CO5 L1 6M

OR

- 10 a List and explain various login controls in ASP.Net. CO5 L1 6M
b Illustrate various methods to maintain a states in WebForm. CO5 L2 6M

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