

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI - 600 086
(For candidates admitted during the academic year 2019 – 2020 and thereafter)

B. C. A. DEGREE EXAMINATION, APRIL 2024
FOURTH SEMESTER

COURSE : MAJOR ELECTIVE
PAPER : VISUAL PROGRAMMING
SUBJECT CODE : 19CS/ME/VP45
TIME : 1 ½ HOURS

MAX. MARKS: 50

SECTION A

ANSWER ALL QUESTIONS:

(10 X 1 = 10)

Choose the best answer:

- 1) CLR stands for ____.
 - a. Common Type System
 - b. Common Language Specification
 - c. Common Language Runtime
 - d. Java Virtual Machine

- 2) What does the CLR in C# do?
 - a. Manages the execution of Webpages programs
 - b. Manages the parsing of the various types
 - c. Manages the execution of .NET programs
 - d. All of the mentioned

- 3) What is the correct syntax to declare a variable in C#?
 - a. type variableName = value;
 - b. type variableName;
 - c. variableName as type = value;
 - d. Both a & b.

- 4) ASP.NET is a ____.
 - a. Client-Side technology
 - b. Server-side technology
 - c. Both a & b
 - d. None of the mentioned

- 5) Which of the following technologies are also used with ASP.NET?
 - a. CSS
 - b. JavaScript
 - c. AJAX
 - d. All of the mentioned

Fill in the blanks:

- 6) _____ namespace is used for ASP.NET Web Form by default.
- 7) The CSS stands for _____.
- 8) The SessionIDs are stored in _____ by ASP.Net.
- 9) The file extension of Web services in ASP.Net is _____
- 10) In C#, a single-line comment starts with _____.

SECTION B**ANSWER ALL THE QUESTIONS:****(5 X 2 = 10)**

- 11) What are the features of .NET Framework?
- 12) Explain the need of Namespace with example.
- 13) Explain briefly on menu path setting.
- 14) How do you read a XML file?
- 15) Write a short note on LINQDataSource Control.

SECTION C**ANSWER ANY SIX OF THE FOLLOWING QUESTIONS:****(6 X 5 = 30)**

- 16) Explain briefly on
 - a) Text box
 - b) Radio Button
 - c) Treeview
- 17) What is a connection string? Explain the process of connection establishment with database.
- 18) Explain Data types in C#.
- 19) Explain the ListBox Control, Image Control and Table Control.
- 20) Explain State Management in ASP.Net.
- 21) Write a program to implement Animation methods in ASP.Net.
- 22) Explain Standard Query Operators in LINQ.
- 23) Explain ASP.NET AJAX and its advantages.
