

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted from the academic year 2023 – 2024)

M.Sc. DEGREE EXAMINATION, APRIL 2024
INFORMATION TECHNOLOGY
SECOND SEMESTER

COURSE : ELECTIVE
PAPER : VISUAL PROGRAMMING
SUBJECT CODE : 23CS/PE/VP15
TIME : 1 ½ HOURS

MAX. MARKS: 50

Q. No.	SECTION A Answer all the questions (6 X 5 = 30)	CO	KL
1.	a) Explain about C# constructors and destructors with a suitable example. (OR) b) What is exception handling in C#? Explain different exception classes with suitable example.	CO1	K1
2.	a) What is MVC in ASP.NET? Explain about the architecture of MVC design pattern components. (OR) b) Discuss on various validation controls in detail.	CO1	K2
3.	a) Explain about the process of creating a XML document with necessary syntax. (OR) b) List and explain the major events of global.asax file.	CO2	K3
4.	a) Write about LINQDataSource Control. (OR) b) Explain how databinding in gridview is performed using LINQ.	CO2	K3
5.	a) What is AJAX in ASP.Net? List down the advantages of using AJAX in ASP.NET. (OR) b) Explain the steps for creating a crystal report with necessary code snippet.	CO3	K4
6.	a) Explain List Box control with its properties and events. (OR) b) What is a query string in ASP.NET? How to pass values through Query Strings?	CO3	K4
Q. No.	SECTION B Answer all the questions (2 x 10=20)	CO	KL
7.	a) Explain about ASP.NET page life cycle. (OR) b) Discuss on various LINQ query operators.	CO2	K3
8.	a) What is view state? How it works in ASP.NET? (OR) b) Explain the process of reading and writing documents in XML using XMLReader and XMLWriter and XmlDocument.	CO3	K4