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

SUBJECT CODE   :19CS/PE/VP15

M.Sc. DEGREE EXAMINATION, APRIL 2022
INFORMATION TECHNOLOGY
FOURTH SEMESTER

COURSE   :   ELECTIVE
PAPER   :   VISUAL PROGRAMMING
TIME   :   1 ½ HOURS   MAX. MARKS : 50

SECTION A

ANSWER ALL QUESTIONS: **(5 × 2 = 10)**

1.   What is a Value type? Give an example.

2. Define Single-file page model.

3. What is PostBack?

4. What is the job of XML parser?

5. What is AJAX?

SECTION B

Answer any FOUR questions: **(4 × 5 = 20)**

6. What are the various access modifiers available in C#? Explain

7. Describe the life cycle events of an application in asp.net.

8. Briefly explain the RequiredFieldValidator and RangeValidator with an example.

9. Write a snippet to create a XmlDocument for the given below XML data using

   XmlDocument.

   <Students>

   <student id="101">

   <Name> abc </Name>

   <Marks> 90 </Marks>

   </student>

   </Students>

10. Discuss DetailsView data binding control.
11. With proper examples, explain the projection query operators.

….2

SECTION C

Answer any TWO questions: **(2 × 10 = 20)**

11. Elaborate the Control flow statements supported by C#.

12. Discuss how state is managed at the client side in C# with suitable examples.

13. How are the reports generated in Asp.net? Explain with an example.

****