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

# SUBJECT CODE: 19CS/ME/VP45 B. C. A. DEGREE EXAMINATION, APRIL 2023 FOURTH SEMESTER

COURSE		_
PAPER	: VISUAL PROGRAMMING	
TIME		MAX. MARKS: 50
A NICWED A		CTION A (10 V 1 – 10)
Choose the l	ALL QUESTIONS:	$(10 \times 1 = 10)$
		is also known as
a) Base Class Library (BCL)		b) Common Class Library (CCL)
c) Global	Class Library (GCL)	d) Public Class Library (PCL)
2		application with CTS or CLS standards supported by
a) Exception manager		b) Type checker
c) Code manager		d) Class loader
<ul><li>3. Implicit Conversion follows the order of conve</li><li>a) float &lt; char &lt; int</li><li>c) int &lt; char &lt; float</li></ul>		onversion as per compatibility of data type as b) char < int < float d) float < int < char
4. Which an	nong the following is a .NET nam	espace?
a) System	•	b) System. Process
c) System	.Drawing2D	d) System.Drawing3D
5. Theinteraction		ace (GUI) components created for web-based
a) Webfo		b) Window Forms
c) Applic	eation Forms	d) Window Frames
Fill in the bl	anks:	
6	is a code that consists of CPU and platform-independent set of instructions	
which can	be easily converted to native cod	e.
		des a global storage mechanism for state data that
	e accessible to all pages in a give	• •
8	file is used to write the code to respond to the Application_Start event.	
	LINQ keyword is used to cat	
10	LINQ statement defines the	ne range variable in a LINQ query.

#### **SECTION B**

### ANSWER ALL THE QUESTIONS:

 $(5 \times 2 = 10)$ 

- 11. Define assemblies.
- 12. What are Namespaces?
- 13. List the web form controls in ASP.NET.
- 14. Write down the information that are present in Global.asax file.
- 15. What is the purpose of LINQ query?

#### **SECTION C**

## ANSWER ANY SIX OF THE FOLLOWING QUESTIONS:

 $(6 \times 5 = 30)$ 

- 16. Explain the features of .NET framework.
- 17. Differentiate boxing from unboxing in C#.
- 18. Explain in detail about the validation server controls with an example.
- 19. Develop a resume using necessary web server controls.
- 20. Explicate in detail about XML and .NET with sample code.
- 21. Elaborate the role of story boards in animation.
- 22. Discuss in detail about the standard query operators used in LINQ.
- 23. Write the similarities and differences between LINQ and LINQ to SQL query items.

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