

**FACULTY OF SCIENCE**

B.Sc. (CBCS) III-Year (VI-Semester) Regular & Backlog Examinations, June-2023  
Computer Applications (Vocational)  
(Programming in Java)

Time: 3 Hours

Max Marks: 80

**SECTION-A**

(4x5=20 Marks)

Answer any Four questions from the following

1. Write about Java Virtual Machine.
2. Write about Simple if Statement with syntax.
3. Write about Class and Object.
4. Write about Color Class and its methods.
5. Write a program to concatenate given two String Values.
6. Explain Frame Class in AWT.

**SECTION-B**

(4x15=60 Marks)

Answer all the following questions

7. (a) Explain String Buffer Class and its methods.  
(OR)  
(b) Write about Arithmetic and Assignment operators with example.
8. (a) Explain While and do-While Statements with suitable syntax and examples.  
(OR)  
(b) Explain Switch block statements in Java.
9. (a) Explain different access modifiers in Java.  
(OR)  
(b) What is a Constructor? Explain default Constructor with an example.
10. (a) Explain different types of Layout Managers in AWT.  
(OR)  
(b) Explain the Life Cycle of a Thread.