



PRESIDENCY COLLEGE

(AUTONOMOUS)

AFFILIATED TO BENGALURU CITY UNIVERSITY, APPROVED BY AICTE, DELHI & RECOGNISED BY THE GOVT. OF KARNATAKA
RE-ACCREDITED BY NAAC WITH 'A+' GRADE

21C205.2C

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END TERM EXAMINATION MAY 2024

BCA – II SEMESTER

GC205.2C: OBJECT ORIENTED PROGRAMMING USING JAVA

Duration: 2 Hours

Max Marks: 60

Instruction: Answers should be written in **English** only.

PART – A

Answer **any EIGHT** questions. Each question carries **TWO** marks.

(8 X 2=16)


1. Why java is platform independent?
2. Mention the different data types in java.
3. Differentiate between method overloading and overriding.
4. What is a constructor? Mention different types of constructors.
5. Give the purpose of 'this' keyword.
6. Distinguish between string and string buffer.
7. Define an exception.
8. Write a note on frame work in java.
9. Justify the use of vector class.
10. Difference between awt and java swings.

PART - B

Answer **any FOUR** questions. Each question carries **SIX** marks.

(4 X 6=24)

1. Discuss the basic structure of java programming with an example.
2. Describe different types of access specifiers in java with an example.

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3. What is an interface? Explain the usage of interface with an example.
 4. Illustrate thread life cycle with a diagram.
 5. Explain different keyboard events with an example.
 6. Discuss abstract class & synchronization.

PART - C

Answer any TWO questions. Each question carries TEN marks.

(2 X 10=20)

1. Explain the concepts of object oriented programming.
 2. What is inheritance? Explain different types of inheritance with an example.
 3. Demonstrate the concept of package and its types using suitable example.
 4. a) Describe applet life cycle. (5 + 5)
b) Write a java program to accept and display the student name, id, marks and percentage.
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