

25/7/2022



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 JULY/AUGUST 2022
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. What is Object and Class in Java?
3. What is an Array? What are the types of arrays?
4. Write any two differences between this and super keyword.
5. What is an abstract class?
6. Mention any four java packages.
7. What is applet? What are its advantages.
8. What is Thread Synchronization?
9. Define Interface.
10. Write the difference between throw and throws keyword.

PART - B

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

(4 X 6=24)

1. Explain the features of JAVA.
2. What are the different types of loops in java? Explain.
3. How multiple inheritance is achieved in Java? Explain with an example.
4. What is a package? What are the Types of packages? Explain.

5. Write a java program to draw several shapes in the created window.
6. Explain types of event classes in Java.

PART - C

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

(2X 10=20)

1. a) Explain any five string methods with syntax and example.
b) Explain method overloading with an example. (5+5)
2. Explain Single level, Multilevel and Hierarchical inheritance with programming example. (10)
3. a) Explain try, catch, throw keywords of exception handling.
b) Explain Thread life cycle with neat diagram. (5+5)
4. a) What is Byte stream and Character stream in Java? Explain.
b) Explain any two types of GUI component with syntax and example. (5+5)
