

FACULTY OF SCIENCE  
B. Sc V SEMESTER (CBCS R-19) EXAMINATIONS DEC 2024  
COMPUTER APPLICATIONS - V  
PROGRAMMING IN JAVA

TIME: 3 HRS]

[MAX. MARKS: 80

SECTION - A (8 X 4 = 32 Marks)

- 1 Answer any EIGHT questions
- a Give a note on type casting with examples
  - b Write a short note on JVM
  - c Describe the process of Class declaration
  - d Illustrate an array with example
  - e Give a short note on Inner Classes
  - f Explain String Buffer Class
  - g Distinguish error and exception with examples
  - h Explain Thread Priority with example
  - i Write a short note on Java.io.\* package
  - j Give a simple understanding about Applet
  - k Write about Event with examples.
  - l List features of Swings

SECTION - B (4 X 12 = 48 Marks)

Answer ALL questions

- 2 a Explain conditional statements with coding examples
- OR
- b Explain looping constructs with syntax and coding examples
- 3 a Write a detailed note on Constructor Overloading.
- OR
- b Write a note on method overriding with examples.
- 4 a Explain the process of creating user-defined exceptions in Java
- OR
- b Give a detailed note on File Streams
- 5 a Illustrate and explain life cycle of an Applet.
- OR
- b Illustrate and explain AWT Components.

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