

BSC/551N/FEB22

FACULTY OF SOCIAL SCIENCE / SCIENCE
B.A./B.SC. V-SEMESTER (CBCS R 19) EXAMINATIONS, FEB, 2022
COMPUTER SCIENCE 5
PROGRAMMING IN JAVA

Time: 3 Hours]

[Max. Marks:80

SECTION-A (Marks:8 X 4 M = 32)

1) Answer any Eight of the following questions.

- a Write a short note on Platform Independent.
- b Give a brief description on Data Abstraction
- c Write the need of Type Casting in Java
- d Explain the scope of Static Variables.
- e Why we need Wrapper Classes? Explain
- f Give a simple example on Overriding.
- g Justify the need of Exception Handling.
- h Write a short note on Random Access Files.
- i Give a short note on Thread Synchronization.
- j List out various Event Handlers associated in Java.
- k List out various differences between AWTs and Swings.
- l Write a short note on Components in Swings.

SECTION-B (Marks: 4 X 12 M = 48)

II) Answer any FOUR of the following questions

- 2 Explain data types in Java.
- 3 Enumerate and explain in detail about Java Features
- 4 Describe the concept of Constructors with suitable examples.
- 5 Explain method overloading with examples.
- 6 Give a detailed explanation on Threads.
- 7 Explain I/O streams
- 8 Justify the need of Applets with a neat illustration and example
- 9 Illustrate and explain various layout managers in AWTs.
