23BCS351

UG PROGRAM (4 YEARS HONORS) WITH SINGLE MAJOR
AT THE END OF THIRD SEMESTER
COMPUTER SCIENCE-OBJECT ORIENTED PROGRAMMING USING JAVA (Minor)
(w.e.f. Admitted Batch 2023-24)

Time: 3Hours   Maximum: 70 marks

Section – A

Answer any FIVE Questions.   5 x 4 = 20

1. How is java more secured than other languages?

2. Write about JAR files in java.

3. Explain about the types and advantages of packages.

4. What is thread priority? Explain

5. Explain swing classes.

6. What is token? List the various types of tokens supported by java.

7. What is recursion in java? Explain by giving an example.

8. What is nesting of methods? Explain.

Section – B

Answer All Questions.   5 x 10 = 50

9. a) Explain different conditional statements in java.
   (Or)
   b) What is an operator? List the various operators supported by java.

10. a) What is a string? Explain string operations in java.
    (Or)
    b) What is a constructor? Explain constructors and types of constructors with an example.

11. a) Explain accessing implementations through interface references in java.
    (Or)
    b) What do you mean by exception? How do you handle exceptions in java?

12. a) Explain the Life Cycle of thread.
    (Or)
    b) What are character streams? Explain by giving an example.

13. a) What are java adapter classes? Explain.
    (Or)
    b) Explain MVC architecture in java.