



B.Sc. III Semester Degree Examination, April/May - 2024

COMPUTER SCIENCE

DSC-3 : Object Oriented Concepts and Programming in Java

(NEP)

Time : 2 Hours

Maximum Marks : 60

SECTION - A

Answer the following sub-questions. Each sub-question carries **one** mark. **10x1=10**

1. (a) Who developed Java ?
- (b) Define Variable.
- (c) Write the syntax of if-else statement in Java.
- (d) Define class.
- (e) What is constructor ?
- (f) Define Inheritance.
- (g) Mention types of Mouse Event.
- (h) What is applet ?
- (i) Define thread.
- (j) What is exception ?

SECTION - B

Answer **any four** questions.

4x5=20

2. Mention the features of Java.
3. What is operator ? Explain types of relational operators.
4. How do you declare class in Java ? Explain with example.
5. What is Interface ? Explain.
6. Explain try-catch exception in Java.
7. Write a Java program to find Simple Interest.



SECTION - C

Answer **any three** of the following questions.

3x10=30

8. Explain structure of Java program with simple example.
9. What is an Array ? Explain types of arrays in Java.
10. Explain types of Inheritance.
11. What is multithread ? Explain life cycle of a thread.
12. Explain life cycle of an Applet with example.

- o O o -

