



61509

V Semester B.Sc. Examination, April/May 2023  
(CBCS) (Semester Scheme) (Freshers + Repeaters)  
COMPUTER SCIENCE – V

Paper – V : Object Oriented Programming Using Java

Time : 3 Hours

Max. Marks : 70

**Instruction** : Answer *all* the Sections.

SECTION – A

I. Answer **any ten** questions. **Each** question carries **2** marks. **(10×2=20)**

- 1) What is WWW ?
- 2) Write the syntax of nested if statement.
- 3) What is type casting ?
- 4) What is method overloading ?
- 5) What are finalize() methods ?
- 6) What is a vector ?
- 7) What is hiding classes ?
- 8) What is synchronization ?
- 9) List any four common Java Exceptions.
- 10) What is Graphics Programming ?
- 11) Write the syntax for drawing arcs.
- 12) What is concatenation ?



SECTION – B

II. Answer **any five** questions. **Each** question carries **10** marks. **(5×10=50)**

- 13) a) Write the features of Java. 5  
b) Describe the structure of a Java Program. 5
- 14) a) Explain any two types of operators with example. 5  
b) Explain the switch statement with an example. 5
- 15) a) Write a note on classes and object. 5  
b) Explain the concepts of one dimensional array in Java. 5

P.T.O.



- 16) a) Explain Overriding Methods with suitable example. 5  
 b) Explain defining and implementing interfaces with an example. 5
- 17) a) What is multithreading ? Explain how to create multiple threads in Java. 5  
 b) How to create packages ? Explain with an example. 5
- 18) a) Explain the exception handling mechanism of Java with a suitable example. 5  
 b) Write a note on thread priority. 5
- 19) a) Explain creating and executing applets. 5  
 b) Write a program to implement keyboard events. 5
- 20) a) Explain drawing circles and rectangles with example. 5  
 b) Explain byte stream classes in Java. 5



(5x10=50)

5  
5  
5  
5  
5  
5

P.T.O.