

FACULTY OF ENGINEERING

B.E. VI-Semester (CBCS) (Backlog) Examination, October 2021

Subject: OOPS using JAVA (E-I)

Time: 2 hours

Max. Marks: 70

Note: Missing data, if any, may be suitably assumed.

PART – A

Answer any five questions.

(5x2 = 10 Marks)

- 1 What is encapsulation?
- 2 Write about serialization.
- 3 Discuss various methods used to create threads.
- 4 Explain about 'throws' with an example.
- 5 What are Iterators?
- 6 Explain about Bitset and Timer.
- 7 List any two methods available in stream class.
- 8 What is event delegation model?
- 9 What are Event listeners?
- 10 Write notes on Nested panels.

PART – B

Answer any four questions.

(4x15 = 60 Marks)

- 11 (a) Explain the dynamic method dispatch with example.
(b) Write a program to demonstrate dynamic method dispatch and explain.
- 12 Explain about Exception Handling features of Java with examples.
- 13 (a) Explain the use of Comparator with example.
(b) Explain the different iterators used for accessing the elements with example.
- 14 Explain the concept of Hashtable with an example.
- 15 Explain the concept of adapter class with an example.
- 16 (a) Discuss about Java Data Types and Packages.
(b) Write about Reading and Writing Files.
- 17 (a) Write a program to sort set of strings.
(b) Differentiate abstract class and interface.
