

FACULTY OF ENGINEERING
BE (CSE) IV-Semester (AICTE) (Backlog) (Old) Examination,
September/October 2022

Subject: OOP Using Java

Time: 3 Hours

Max. Marks: 70

(Missing data, if any, may be suitably assumed.)

Note: Answer all the questions

PART – A

(10 x 2 = 20 Marks)

1. What is data abstraction?
2. Explain the use of the 'final' keyword.
3. What is the use of the String Tokenizer Class?
4. How to create and access a package?
5. Differentiate between interface and abstract class.
6. List the thread states
7. List any six built-in exceptions in Java.
8. Compare byte streams with character streams.
9. Compare the merits of swing components over AWT?
10. Explain the use of layout manager.

PART – B

Note: Answer any five questions

(5 x 10 = 50 Marks)

11. (a) Explain about garbage collection in Java.
(b) What is a constructor? What is its requirement in programming? Explain with the program.
12. (a) How to define a package? How to access, and import a package? Explain with examples.
(b) Can inheritance be applied between interfaces? Justify your answer.
13. What are the benefits of inheritance? Explain the various forms of inheritance with suitable code segments.
14. (a) Write a program to illustrate the use of multiple catch blocks for a try block.
(b) Describe how to create a thread with an example.
15. (a) Write a program to copy the contents of file 1 to file 2. Read the names of files as command line arguments.
(b) Explain character streams in detail with an example.
16. (a) What is the significance of layout managers? Discuss briefly, various layout managers.
(b) Explain the delegation event model.
17. Write short notes
 - (a) Interface
 - (b) String Tokenizer
 - (c) Hashmap