FACULTY OF ENGINEERING

B.E. (CSE) (AICTE) IV-Semester (Main&Backlog) Examination, October 2021

Subject: OOP Using JAVA

Time: 2 hours

Max. Marks: 70

Note: (Missing data, if any, may be assumed suitable)

PART – A

Answer any five questions

(5 x 2 = 10 Marks)

1. What are the different types of variables in java?
2. Explain the significance of String Builder.
3. How method overriding is useful in java?
4. Differentiate classes and interfaces.
5. Outline Exception hierarchy in JAVA.
6. Explain the life cycle of a thread.
7. What is the use of Pattern class?
8. Write a java program by using Timer class.
9. List the limitations of AWT.
10. What are Event Listeners?

PART – B

Answer any four questions

(4 x 15 = 60 Marks)

11. (a) Explain this() and super() constructor with sample programs.
    (b) Discuss about operators in JAVA in detail.

12. (a) Why multiple inheritance is not supported by java? Explain with an example Program.
    (b) Explain creation of a package and importing a package with an example.

13. Explain about keywords used in Exception handling with examples.

14. Discuss about matcher class and split method with an example programs.

15. Explain the concept of handling mouse events with an example.

16. Write about:
    (a) scope and life time of variables in java
    (b) member access rules

17. Explain about:
    (a) daemon threads
    (b) Wrapper class
    (c) scroll bars in AWT

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