

Code No.: AI404PC

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CMR ENGINEERING COLLEGE : HYDERABAD
UGC AUTONOMOUS
II-B.TECH-II-Semester End Examinations (Supply) - February- 2023
JAVA PROGRAMMING
(Common to CSC, CSD, & CSM)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A

(20 Marks)

1. a) Identify Java Buzz Words. [2M]
- b) Compare Method Overloading and Method Overriding. [2M]
- c) Define Serialization? [2M]
- d) Explain how you create a Package. [2M]
- e) What is an Exception? [2M]
- f) Explain Inter Thread Communication. [2M]
- g) Define Tree Set? [2M]
- h) Discuss about Formatter utility class. [2M]
- i) Define Applet? [2M]
- j) Discuss Swing Applet. [2M]

PART-B

(50 Marks)

2. Explain Polymorphism with example program. [10M]
- OR**
3. Discuss Inheritance with an example Program. [10M]
4. Define Package. Explain how you access and import Package. [10M]
- OR**
5. Give the differences between Byte Stream and Character Stream. [10M]
6. Describe Built-in Exceptions. [10M]
- OR**
7. Give all differences between Thread Based and Process Based Multitasking. [10M]
8. Discuss about Collection Classes. Explain Priority Queue. [10M]
- OR**
9. Describe Legacy Classes and Interfaces. [10M]
10. Discuss about all the Layout Managers. [10M]
- OR**
11. List out Swing Buttons. Explain with an example program. [10M]
