

Code No.: CS304PC

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
II-B.TECH-I-Semester End Examinations (Supply)- June- 2022
OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(Common to CSE & IT)

[Time: 3 Hours]

[Max. Marks: 70]

- Note:** 1. Answer any FIVE questions. Each question carries 14 marks.
2. All questions carry equal marks.
3. Illustrate your answers with NEAT sketches wherever necessary.

5X14=70

1. a) Explain BUZZ WORDS in JAVA? [7M]
b) Explain Constructor Overloading in java? [7M]
2. a) Is an interface support multiple inheritances in java? if yes, explain with an example program [7M]
b) List and differentiate Byte stream and Character stream classes. [7M]
3. a) Design and develop a Custom Exception in java with an example program [7M]
b) Explain Interthread Communication in java? [7M]
4. a) Discuss the methods of Array List and Linked List [7M]
b) Discuss the following [7M]
 - i. Scanner
 - ii. Date
 - iii. BitSet
5. a) Explain about Adapter classes? [7M]
b) Explain the Lifecycle methods of an Applet? [7M]
6. a) Write a java program it should contain at least five methods of String class? [7M]
b) Differentiate the Abstract class and Interface [7M]
7. a) Explain the following [7M]
 - i. Console class
 - ii. Serialization
 - iii. auto boxing
b) Explain about Pure Polymorphism? [7M]
8. a) List and discuss the checked and unchecked Exceptions [7M]
b) How many ways we can create a thread explain it with an example programs [7M]
