

								R18
--	--	--	--	--	--	--	--	-----

Course Code: A36201

CMR

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)

B.Tech III Semester Supplementary Examinations June/July-2022

Course Name: OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(Common for CSC & CSM)

Date: 23.07.2022 AN

Time: 3 hours

Max.Marks: 70

(Note: Assume suitable data if necessary)

PART-A

Answer all TEN questions (Compulsory)

Each question carries TWO marks.

10、2-20M

- | | |
|---|-----|
| 1. What is the need for object oriented programming? | 2 M |
| 2. Define Package. | 2 M |
| 3. Outline built in exceptions in java. | 2 M |
| 4. Why to use finally block in java exception handling? | 2 M |
| 5. List the methods in Thread class. | 2 M |
| 6. What is the importance of streams? | 2 M |
| 7. Make use of HashTable in a program. | 2 M |
| 8. What are the JDBC statements? | 2 M |
| 9. Summarize layouts in AWT. | 2 M |
| 10. What is an Adapter class in event handling? | 2 M |

PART-B

Answer the following. Each question carries TEN Marks.

 $5 \times 10^{-50} \text{ M}$

- 11.A). Demonstrate various access modifiers defined in JAVA with an example. 10M

OR

11. B). Explain about method overloading and overriding with an example. 10M

12. A1. Explain about keywords in Exception Handling in Java. 10M

OR

12. B). Discuss multifile inheritance with example. 10M

13. A). Explain about thread life cycle using an example program. 10M

OR

13. B). Demonstrate inputstream and outputstream to read and write file. 10M

14. A). Demonstrate the process of querying a database: 10M

OR

14. B) Explain the collection classes ArrayList, Vector with examples. 10M

15. A). What are the methods supported by KeyListener interface and MouseListener interface? 10M
Explain each of them with examples.

OR

15. B). Explain the following swing components. 10M
- i) JButton
 - ii) JLabel