



R20 Regulation

Subject code:306DE

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VI Semester Supplementary Examinations, May 2025

OBJECT ORIENTED PROGRAMMING THROUGH JAVA

(ECE)

Maximum Marks: 70

Date: 27.06.2025

Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks		(10X2M=20 Marks)	Marks	CO	BTL
1	What is method overriding?		2M	1	L1
2	What is string handling?		2M	1	L1
3	What is Enumeration in java?		2M	2	L1
4	What is an interface?		2M	2	L1
5	What is multitasking?		2M	3	L1
6	Define thread.		2M	3	L1
7	What is collection framework?		2M	4	L1
8	Write any three differences between list and set.		2M	4	L1
9	List methods of key Listener interface.		2M	5	L1
10	What is an Event?		2M	5	L1

Part-B

Answer All the following questions.		(5X10M=50Marks)	Marks	CO	BTL
11	Write uses of Super keyword, and discuss accessing the member of a super class.		10M	1	L2
OR					
12	Explain about Arrays with example.		10M	1	L2
13	Write about various Stream Classes in java.		10M	2	L2
OR					
14	Discuss about the File Input Stream and File Output Stream in java with examples.		10M	2	L2
15	Write a java program to implement nested try statements.		10M	3	L2
OR					
16	What are the different ways that are possible to create multiple threaded programs in Java? Discuss the differences between them.		10M	3	L2
17	Write a java program to demonstrate ArrayList class methods?		10M	4	L2
OR					
18	a) Differentiate between Exception and error. b) Writeshort note on StingTokenizer with an example.		5M 5M	4	L2
19	Mention and explain any four event handling methods for Mouse Event.		10M	5	L2
OR					
20	Write a detailed note on MVC architecture. Discuss its advantages and disadvantages.		10M	5	L2