



R18 Regulation **Subject code: 2P3ED/2P3FD**
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech III Semester Supplementary Examinations, February 2024

OBJECT ORIENTED PROGRAMMING
(Common to CSE & IT)

Maximum Marks: 70

Date: 23.02.2024

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 which carries 10M.
 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)		CO	BTL
1	What is JIT compiler?	CO1	L1
2	What is the purpose of final keyword?	CO1	L1
3	Define interface in JAVA	CO2	L1
4	What is CLASSPATH?	CO2	L1
5	What are checked exceptions?	CO3	L1
6	What are Threads in JAVA	CO3	L1
7	Can you store a primitive data type into a collection?	CO4	L2
8	Difference between Array List and Vector?	CO4	L2
9	What are Events in JAVA	CO5	L1
10	List the types of layout available in JAVA?	CO5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		M	CO	BTL
11	A. What are java Buzzwords? Explain about them. B. What do you mean by static class and static method? Explain with example.	5M 5M	CO1	L2 L2
OR				
12	Explain the following forms of inheritance with suitable code segments. a) Simple b) Multilevel	10M	CO1	L2
13	How Packages are created in JAVA explain with an example	10M	CO2	L2
OR				
14	What is interface? How to create it and access it? Explain with example.	10M	CO2	L2
15	Explain the following keywords: a) Try b) catch c) throw d) finally	10M	CO3	L2
OR				
16	Write a program to create four threads using Runnable interface	10M	CO3	L4

17	What are collections framework and how they are used in java?	10M	CO4	L2
	OR			
18	Write a Java program to demonstrate The Array List Class	10M	CO4	L2
19	What is the purpose of Layout Managers in GUI? Write a java code to implement Border Layout.	10M	CO5	L4
	OR			
20	A. Write a detailed note on MVC architecture.	5M	CO5	L2
	B. What do you mean by event delegation model in java?	5M		L2