

R28 Regulation

Subject code: 3P4EF

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech IV Semester Supplementary Examinations, April 2023

OBJECT ORIENTED PROGRAMMING THROUGH JAVA

(CSE)

Maximum Marks: 70

Date: 14.05.2023

Duration: 3 hours

- Notes:**
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 two of the questions from each unit.
 4. Each question carries 10 marks and you have to give 2, 2, 2, 2 and 2 marks.

Part-A

All the following questions carry 2 marks each

(10X2M=20 Marks)

Marks	CO	BT
2M	1	L1
2M	1	L1
2M	2	L1
2M	2	L1
2M	3	L1
2M	3	L1
2M	4	L1
2M	4	L1
2M	3	L1
2M	3	L1

1. List the advantages and disadvantages of arrays?
2. What is an Object? How to allocate memory for objects?
3. Define Package and write its advantages?
4. Differentiate between abstract class and interface?
5. List the two distinct advantages of user define exceptions handling mechanism?
6. Define thread.
7. What is Priority Queue?
8. What is Color interface?
9. What is AWT class?
10. What is AWT?

Part-B

Answer All the following questions.

(5X10M=50Marks)

Marks	CO	BT
10M	1	L2
10M	1	L2
10M	2	L2
10M	2	L2
10M	3	L2
10M	3	L2
10M	4	L2

11. Write uses of Super keyword, and discuss accessing the member of a superclass?
12. Explain about Arrays with an example.
13. Write about various Stream Classes in Java?
14. Discuss about the FileInputStream and FileOutputStream in Java with example.
15. Write a Java program to demonstrate nested if statements?
16. What are the different ways that are possible to create multiple threaded programs in Java? Discuss the differences between them.
17. Write a Java program to demonstrate Array List class methods?

OR

18	a) Discuss Scanner class with an examples. b) Write short note on Sting Tokenizer 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