



Regulation: R18

Subject code: 2P3FD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech III Semester Regular/Supplementary Examinations, February 2021

OBJECT ORIENTED PROGRAMMING

(INFORMATION TECHNOLOGY)

Maximum Marks: 70

Date: 24.02.2021 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)

- 1 Define Constructor
- 2 What is mean by abstract class?
- 3 What is Console class? What is its use in java?
- 4 Define Enumerations
- 5 How does Java support inter thread communication
- 6 Explain Try and Catch Exceptions
- 7 What is the use of Iterator class
- 8 List out the collection classes
- 9 List out the type of Layouts
- 10 Define event..

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 Explain different types of constructors with an example 10M
OR
- 12 Explain different types of inheritances with an example 10M
- 13 Discuss in detail about creating and importing packages with an examples. 10M
OR
- 14 a) Define File class with an example. 5M
b) Explain Reading & Writing Files Example 5M
- 15 What is an exception? How are exceptions handled in Java programming? 10M
Explain with suitable program.
OR
- 16 What is mean by Thread? Explain multiple thread Creation with an examples 10M
- 17 Define Array List, Linked List, Hash Set, Tree Set, Priority Queue 10M
OR
- 18 Discuss about String Tokenizer & Stack Vector class. 10M
- 19 Discuss briefly about various layout managers. 10M
OR
- 20 Write a program to demonstrate mouse handling events. 10M