



Regulation R18

Subject code:206DC

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, January 2023 OOP through JAVA

(ECE)

Maximum Marks: 70

21/01/23

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 Distinguish between procedural language and Object-Oriented Language.
- 2 List the advantages of JAVA.
- 3 What is Console class?
- 4 What is the use of auto boxing in java?
- 5 What is inter thread communication in JAVA.
- 6 List any four unchecked exceptions.
- 7 What is the use of Iterator class?
- 8 What is the difference between ArrayList and Vector?
- 9 Distinguish between grid layout and border layout managers.
- 10 Define an event in JAVA.

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 Explain the different types of constructors with an example
OR
12 Explain about String class and discuss various methods in String class with an example. 10M
- 13 Discuss in detail about creating and importing packages with an example.
OR
14 Define File class with an example. 5M
- 15 What is an exception? How are exceptions handled in Java programming? Explain with suitable program.. 10M
OR
16 Explain the various ways of creating thread with an examples 10M
- 17 a) What are similarities and difference between ArrayList and Vector? Explain. 5M
b) What is different between Iterator and ListIterator? 5M
OR
18 Discuss about StringTokenizer class. Explain with an example. 10M
- 19 What is the significance of layout managers? Discuss briefly about various layout managers. 10M
OR
20 a) Develop a java program for simple applet. 5M
b) Develop a java program for passing parameters to applet. 5M

