



B.E./ B. TECH DEGREE EXAMINATION CONTINUOUS ASSESSMENT TEST- II

(Common to CSE & IT)

Subject : Object Oriented Programming

Duration : 1.30 Hrs

Subject code : CS8392

Date : 17.09.2020

Year/ Sem : II/III

Max. Marks : 50

PART-A (5*2=10)

Answer all questions

1. How will you define an interface in java program [U] [CO2]
2. Give the role of clone() method in Java. [U][CO2]
3. Differentiate exception and error [R] [CO3]
4. Give the use of finally keyword in java [U][CO3]
5. Summarize any two string handling methods in Java. [E][CO2]

PART-B (2*13=26)

Answer the questions

6. a). Develop a program to perform string operations using ArrayList. Write functions for the following
Append - add at end
Insert – add at particular index
Search
List all string starts with given letter “a” (13)[C] [CO2]

(Or)

- b)i) Explain the methods available under String Buffer Class. (7)[U] [CO2]
- ii) Describe interfaces & how to implement it with a Java Program (6) [R] [CO2]
- 7 .a) Define exception. Why it is needed? Explain the different types of exceptions and the exception hierarchy with appropriate examples using Java. (13) [U][CO3]

(Or)



- b). i) Illustrate about multiple catching exceptions with example (6)(A)[CO3]
ii) Explain nested try statements with example. (7)(A)[CO3]

PART-C (1*14=14)

Answer the questions

8. a) i) Give short notes on Java built in exceptions (7) (U) [CO3]
ii) Develop a Java program to implement user defined exception handling. (7) (U) [CO3]

***** ALL THE BEST *****

COURSE OUTCOMES (CO)

At the end of the course the students will be able to

Course Outcomes	CS8392- Object oriented programming
CO1	Develop Java programs using OOP principles
CO2	Develop Java programs with the concepts inheritance and interfaces
CO3	Build Java applications using exceptions and I/O streams
CO4	Develop Java applications with threads and generics classes
CO5	Develop interactive Java programs using swings
CO6	design and build simple Graphical User Interfaces