

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2021-COURSE)
B. Tech. Sem - II CS&E-A&M :SUMMER- 2022
SUBJECT : OBJECT ORIENTED PROGRAMMING

Day : Friday
Date : 5/8/2022

S-23933-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw neat and labelled diagram **WHEREVER** necessary.
 - 3) Assume suitable data if **NECESSARY**.
-

- Q.1** a) Describe command line arguments? Write a program to add two numbers using command line arguments. (05)
b) Define is a Data Type? Give the declaration of variable in Java. Write the Rules? (05)

OR

- Q.1** Explain the Control Statements in Java with example. (10)
- Q.2** a) Write about Garbage Collector in Java and test how it works. (05)
b) What is a package? How to create user define package in java with example. (05)

OR

- Q.2** Write a java program to find the factorial value of the given number using user defined package concept. (10)
- Q.3** Write a Java program to read and display the array elements. (10)

OR

- Q.3** Write a java program to check the given string is palindrome or not. (10)
- Q.4** a) Distinguish Method Overriding and Method Overloading. (05)
b) What is an interface? Rules to create an interface in java with example. (05)

OR

- Q.4** Write a java program to implement inheritance concept. (10)
- Q.5** What is an Exception? Explain different types of Exception? (10)

OR

- Q.5** What are Java's Built-in Exception? Write the importance of finally block. (10)
- Q.6** What is applet? Explain Life cycle of Applet. (10)

OR

- Q.6** Write a java program to implement an AWT based calculator with basic operations. (10)

* * * * *