

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - II Computer Science & Engineering AI & ML : WINTER : 2023
SUBJECT : OBJECT ORIENTED PROGRAMMING

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 24-11-2023

W-23933-2023

Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

Q.1 What is object oriented programming? Describe it's features. [10]

OR

Q.1 What is inheritance? Explain each using suitable example. [10]

Q.2 What is the used of scanner class in java? Describe using suitable example. [10]

OR

Q.2 What is the user defined Package? Explain Package using suitable example. [10]

Q.3 What are the type of constructor in java? What is the use of Constructor? [10]

OR

Q.3 Write a java code to represent the Two Dimensional array using suitable example. [10]

Q.4 How to achieve polymorphism? Describe using suitable example. [10]

OR

Q.4 Can we implement multiple inheritance in java? Justify. [10]

Q.5 What is the role of Exception Handling? Describe using suitable example. [10]

OR

Q.5 What is the purpose of thread in java? Explain using suitable example. [10]

Q.6 What is the life cycle of applet? Design calculator GUI using applet. [10]

OR

Q.6 What is Swing class? Using swing design any GUI. [10]

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