

# OOPJ ASSIGNMENT-2

## Internal Marks :10

**[Submit on or before 08/04/25 during your regular class]**

1. Explain the function of following bit wise operators with suitable examples  
[Refer text books]
  - a) ~
  - b) &
  - c) |
  - d) ^
  - e) >>
  - f) >>>
  - g) <<
  - h) <<<
  - i) And also for-Each statement
2. What is JDBC? Explain the use of Statement and PreparedStatement interface using suitable example.
3. What is synchronization? Discuss different ways to implement synchronization in java with the help of suitable example.
4. Explain the inter thread communication with neat example.
5. Design a swing program having three labels , three text fields and a button shown below. Implement appropriate event handling procedure that displays the result when the button(SUM) is clicked.

|                                    |                                 |
|------------------------------------|---------------------------------|
| No1                                | <input type="text" value="10"/> |
| No2                                | <input type="text" value="20"/> |
| Result                             | <input type="text" value="30"/> |
| <input type="button" value="SUM"/> |                                 |