

**Q1. MCQS [5]**

1. **Which layout manager is best if you want precise control over the location of each component?**
  - a. Flow Layout
  - b. Null Layout
  - c. Border Layout
  - d. Grid Layout
2. **In which layout can components be added to specific positions like NORTH, SOUTH, EAST, WEST, and CENTER?**
  - a. Flow Layout
  - b. Border Layout
  - c. Grid Layout
  - d. Null Layout
3. **Which component is used for single-line text input in Java Swing?**
  - a. JLabel
  - b. JTextField
  - c. JTextArea
  - d. JPasswordField
4. **Which layout manager arranges components from left to right in a row and wraps them to the next line if there isn't enough space?**
  - a. Flow Layout
  - b. Border Layout
  - c. Grid Layout
  - d. Null Layout
5. **Which method is used to add an action listener to a JButton?**
  - a. addClickListener()
  - b. setActionListener()
  - c. addActionListener()
  - d. setClickListener()

**Q2. Write java code to create the following GUI form also add functionality to buttons.**

**[10]**

Registration Form

Panel

Background Layer

Overlay Layer

Name: Uzair

Email: l215843@lhr.nu.edu.pk

Password: .....

Confirm Password: .....

Clear Register