Group A [10x1=10]

1. What is the use of ResultSet?
2. Write down the purpose of DriverManager.getConnection(“…..”).
3. What is a layout manager?
4. Name the two methods defined inside FocusListener interface.
5. Write any two limitations of applet.
6. Define event and event source.
7. What are the uses of Checkbox class in AWT?
8. What is the advantage of using parameterized applet?
9. List out the constructors of FlowLayout.
10. Which event is generated when item of JList is clicked? Which package contains that event class?

Group B [5x3=15]

1. Create a swing interface that contains one combo box. If the item of combo box is selected, it should be displayed in a message box.
2. Write a program to insert records (name, address and salary) of 5 persons into a table “employee”.
3. Differentiate between AWT and swing.
4. Create an applet to display Orchid International College inside a rectangle.
5. Mention any 6 event classes along with when those events are generated.

Group C [3x5=15]

1. Create a swing GUI that contains a button and a text area. When the button is clicked the data (id, name, address, salary) from the table “employee” should be displayed in the text area.
2. Explain life cycle of applet with a suitable diagram.
3. Create a GUI that contains 3 text fields, 3 labels and 2 buttons (add, subtract). When the buttons are clicked addition and subtraction should be performed.