SET A

Group A [10x1=10]

1. What is the purpose of DriverManager.getConnection(“…………”)?
2. Define web server.
3. List out the differences between GET and POST.
4. Compare servlet and CGI.
5. What is event? Give one example.
6. Under which circumstance is the use of listener interface compulsory.
7. List out the constructors of BorderLayout.
8. When is ContainerEvent generated?
9. Why is deployment descriptor file needed for a servlet?
10. Define connection pooling.

Group B [5x3=15]

1. Compare AWT and Swing.
2. Write a program to show the use of GridLayout.
3. Explain the life cycle of servlet.
4. Create an applet to display “Orchid International College”.
5. Create an AWT interface that contains 3 text fields and a button. When the button is clicked, the product of the values in first two text fields should be displayed in the third text field.

Group C [2x5=10]

1. Create a html document that contains a form to provide name , address of a person and a submit button. Create a servlet that takes the form parameters and gives a response to the user. Also create the deployment descriptor file.
2. Create a swing GUI interface with BorderLayout having a text area and a button. When the button is clicked the records of employees(id,name,salary) in the table “tblemployee” should be displayed in the text area. [Hint: use datasource name:empdatasource]

SET B

Group A [10x1=10]

1. What is the purpose of Class.forName(“……...”)?
2. Define web container.
3. List out the differences between GET and POST.
4. What is event source? Give one example.
5. What is the benefit of using adapter class over listener interface?
6. List out the constructors of FlowLayout.
7. When is ComponentEvent generated?
8. What is the difference between Container and Component?
9. Mention the need of deployment descriptor file for a servlet.
10. Mention the advantage and disadvantage of JDBC-ODBC driver.

Group B [5x3=15]

1. What is swing? Explain the two key features of swing.
2. Write a program to show the use of BorderLayout.
3. Explain the life cycle of applet.
4. Create an applet to display “Welcome to Applet”.
5. Create a swing interface with combo box. When the item in combo box is selected it should be displayed in a message dialog.

Group C [2x5=10]

1. Create a html document that contains a form to provide name , address of a person and a submit button. Create a servlet that takes the form parameters and gives a response to the user. Also create the deployment descriptor file.
2. A table “tblemployee” contains id, name and salary fields. Create a swing GUI interface to accept id, name and salary with a button. When the button is clicked values given as input should be inserted into the table. [Hint: use datasource name: empdatasource]