Q.P. Code :20292

[Time: 2:30 Hours] **[Marks:75]**

Please check whether you have got the right question paper.

N.B:
1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Illustrations, in-depth answers and diagrams will be appreciated.
4. Mixing of sub-questions is not allowed.

Q.1 Attempt the following (any THREE): (15)

A) Explain JTabbedPane and any two methods of it.

B) Explain with methods JDesktopPane and JInternalFrame.

C) What is the use of JCheckBox and JRadioButton? How to create object of these classes?

D) Explain any three text entry components in swing.

E) Write a program in java which takes name and age from the user on click of the button and display a message, user is eligible to vote or not.

F) Write a swing program containing three text fields. First text field accepts Last Name and second text field accepts First Name. On click of button full name is displayed in third box.

Q.2 Attempt the following (any THREE): (15)

A) Explain JColorChooser class with any one method. Give Example.

B) Explain Event Delegation Model.

C) What are the steps for creation of thread?

D) How to create tree in swing. Give example.

E) Explain Mouse Listener and its methods.

Q.3 Attempt the following (any THREE): (15)

A) Explain Type 1 and Type 2 Drivers in JDBC.

B) What is ResultSetMetaData? Explain with example.

C) Explain any two SQL Exception in JDBC.

D) Write a short notes on Callable Statement in JDBC.

E) Write a JDBC program to create a table product (id number, name varchar, pricer varchar). And Insert a record in the table.

F) Write a JDBC program to accept empid as command line argument. And Display the name of employee who is getting highest salary from employee table (EMPID, EMPNAME, and EMPSAL).

Q.4 Attempt the following (any THREE): (15)

A) What is Inet Address class? Explain methods with parameter and return type

B) Explain any five methods of URL class.

C) Explain following 1) Stubs and Skeleton 2) Remote Reference Layer.

D) What is server socket explain with example.

E) Write a program to read the content of URL. Using URLConnection class.

F) Define the interface and implementation class a RMI system with a method that accepts a number and return factorial of the number.

Q.5 Attempt the following (any THREE): (15)

A) Write a program in java to divide a frame in two parts.

B) Write a java program that creates a list Containing Ice-cream flavors.On Selection of any flavor price should be displayed in text field.Using Item Listener.

C) Explain ResultSet interface and its method.

D) What are the steps involved in creating RMI.

E) Explain with example JList and its method.

F) Write a Server program to return square root of a number to client using Socket.

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