Short answer type

        a) What is a package class?

        b) What are the different get methods in the DatagramPacket class?

        c) Define socket and its associated operations.

        d) What is CORBA? Why CORBA is needed?

        e) What is servlet ? Write are its types.

        f) What is the utility of the JDBC drivers for the database connectivity?

        g) Define all the classes of JDBC drivers.

        h) What is implicit objects in JSP?

        i) Explain the datagram packet, datagram server and client.

        j) What is scripting element in JSP ? List the different scripting elements.

Long Answer Type:

1) a) Explain the differences between packages and interfaces with examples.

   b) What is a Multicast socket? Explain with example.

2) a) Write a socket program to transfer a message from one computer system to
      another computer system.

   b) Define and differentiate between Stateless and Stateful session Bean in
      Java?

3) a) Explain the life cycle of a Servlet with various methods.

   b) Define and differentiate between Stateless and Stateful session Bean in
      Java?

4) a) Define the schema of XML? Explain with an example the parsing of an XML
      document.

   b) Explain in detail the various components of JDBC? Give the steps for using
      JDBC to access a data base.

5) a) What is the difference between Servelet and JSP? Write a Servlet that will
      take two integer from the client end performs the addition of it and displays its
      output on the client side.

   b) Define JDBC and JDBC API? What are the advantages of using JDBC?

6) a) State the differences between XML and HTML. What are DTD Sequences in

XML and its purpose.

b) Explain EJB life Cycle and define the different beans used in it

7) a) Write a Java program that will echo the text entered in server machine to the client machine. "exit" will terminate the both server and client (Use TCP)

b) What is ServerSocket (TCP/IP)? List and explain different constructors of it.