

1. Explain the Client server model of networking? What are the various issues involved in this type of setup? Explain.
What is IP? Explain with IP diagram? What are the various components of IP Header? How the routing is done to reach an IP address when we send a request to the network?
2. What is Byte Order? Explain the Time & Network byte order? Also explain the Internet Time Protocols? Define Socket? How we can create a socket? Explain client side & server side sockets. How we can receive & send data using sockets?
3. What is exception handling? How it is implemented in Java.
Explain the various try catch sequences to handle an exception or a set of exceptions?
Explain the event handling mechanism of Java with example?
4. What are the various guidelines we need to follow for inserting different type of sound & image files in a document?
What are the different building blocks of a multimedia Application?
How the animation makes an application more effective. What are the various techniques that can be used for making an animated application?
5.
 - a) Differentiate between SLIP & PPP.
 - b) What are the best ways to locate information on the web?
 - c) Differentiate flat name space & hierarchical name space.
 - d) What is encapsulation? Explain with example?
 - e) How the exception handling mechanism works in Java.
 - f) What are the various uses of "static" keyword in Java?
 - g) The popularity of Internet increased due to multimedia. Comment.
 - h) What is the difference between an applet & an application?
 - i) Explain the Garbage collection mechanism of Java.
 - j) What is Java Virtual Machine? Why it is referred to as "computer inside a computer".