

1	<p>Explain the following</p> <ul style="list-style-type: none"> <li>a) Difference between internet, Intranet &amp; Extranet with the help of examples</li> <li>b) What are the design Goals of a internet project</li> <li>c) What is a network security attack &amp; how we can overcome the vulnerabilities of the system</li> </ul>
2	<p>Write about the following technologies with their functionalities</p> <ul style="list-style-type: none"> <li>a) Microsoft Internet Information Server ( IIS)</li> <li>b) Proxy Server</li> <li>c) CGI</li> <li>d) Perl</li> <li>e) IBM Web Sphere Application Server</li> <li>f) Java Script</li> </ul>
3	<ul style="list-style-type: none"> <li>a) What is XML? Create a XML Program for making a DTD for the Mark sheet. It should be same as the Mark sheet you get after every semester at TIET.</li> <li>b) Write a program in Java to implement <ul style="list-style-type: none"> <li>(i) method overriding</li> <li>(ii) Method overloading</li> </ul> </li> </ul>
4	<ul style="list-style-type: none"> <li>a) Develop a complete UI for the following system keeping in mind the 15 principles of UI Design. It is a distance learning website of TIET, where there are no. of courses in which a particular student can enroll himself. It contains the complete information about the institute, its facilities, Fee structure, faculty &amp; staff, Grading system, evaluation criterion, online submission of assignments &amp; online examination system. It has the facility of online lecture session, Emailing system also. You can also add on other features of a distance learning website.</li> <li>b) Design the overall architecture of the above system &amp; enlist the technologies to be used for making such a system.</li> </ul>
5	<p>Differentiate</p> <ul style="list-style-type: none"> <li>a) different layers of OSI Model</li> <li>b) different team members for making a DTD</li> <li>c) GIF, JPEG &amp; MPEG</li> </ul>