



<b>Q.4</b>	<b>Solve Any Two of the following.</b>	<b>CO4</b>	<b>12</b>
<b>A)</b>	What is socket? Explain various socket primitives used in client server interaction	<b>3/CO4</b>	<b>6</b>
<b>B)</b>	What is FTP? Where and when it is used? Why does not require 2 ports? Explain at least 5 user commands used in FTP?	<b>2/CO4</b>	<b>6</b>
<b>C)</b>	Differentiate between distance vector routing and link state routing	<b>4/CO4</b>	<b>6</b>
<b>Q. 5</b>	<b>Solve Any Two of the following.</b>	<b>CO5</b>	<b>12</b>
<b>A)</b>	What do you mean by digital signature? define the following terms: a. Symmetric and Asymmetric key encryption b. Public Key C.Non-repudiation d. Integrity	<b>2/CO5</b>	<b>6</b>
<b>B)</b>	What is cryptography? Explain the working principle of public key cryptography with suitable example	<b>2/CO5</b>	<b>6</b>
<b>C)</b>	What is authentication? How authentication mechanism works? Mention the names authentication methods.	<b>2/CO5</b>	<b>6</b>
	<b>*** End ***</b>		

**The grid and the borders of the table will be hidden before final printing.**