

<b>DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE</b> <b>Supplementary Summer- 2024</b> <b>Course: B. Tech. Semester: V</b> <b>Branch : Electronics and Computer Engineering / Electronics and Computer Science Engineering</b> <b>Subject Code &amp; Name: Computer Network and Cloud Computing (BTECPC501)</b> <b>Max Marks: 60 Date: 01/07/2024 Duration: 3 Hr.</b>			
<b>Instructions to the Students:</b> 1. All the questions are compulsory. 2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in ( ) in front of the question. 3. Use of non-programmable scientific calculators is allowed. 4. Assume suitable data wherever necessary and mention it clearly.			
		(Level/CO)	Marks
<b>Q. 1</b>	<b>Solve Any Two of the following.</b>		<b>12</b>
<b>A)</b>	<b>Describe types of computer networks</b>	<b>Understand</b>	<b>6</b>
<b>B)</b>	<b>How traffic management is done to avoid congestion?</b>	<b>Apply</b>	<b>6</b>
<b>C)</b>	<b>Which are data link layer and network layer design issues?</b>	<b>Understand</b>	<b>6</b>
<b>Q.2</b>	<b>Solve Any Two of the following.</b>		<b>12</b>
<b>A)</b>	<b>Describe ISO-OSI model in detail.</b>	<b>Understand</b>	<b>6</b>
<b>B)</b>	<b>Describe bus, star and mesh topology.</b>	<b>Understand</b>	<b>6</b>
<b>C)</b>	<b>With appropriate diagram describe TCP/IP reference model.</b>	<b>Understand</b>	<b>6</b>
<b>Q. 3</b>	<b>Solve Any Two of the following.</b>		<b>12</b>
<b>A)</b>	<b>What is software defined networks?</b>	<b>Understand</b>	<b>6</b>
<b>B)</b>	<b>Elaborate error detection techniques used in data link layer.</b>	<b>Apply</b>	<b>6</b>
<b>C)</b>	<b>Explain Infrastructure-as-a-Service and Platform-as-a-Service.</b>	<b>Understand</b>	<b>6</b>
<b>Q.4</b>	<b>Solve Any Two of the following.</b>		<b>12</b>
<b>A)</b>	<b>Write a note on Amazon EC2.</b>	<b>Understand</b>	<b>6</b>
<b>B)</b>	<b>What is DNS?</b>	<b>Remember</b>	<b>6</b>
<b>C)</b>	<b>What is a routing algorithm? Describe any one routing algorithm.</b>	<b>Understand</b>	<b>6</b>
<b>Q. 5</b>	<b>Solve Any Two of the following.</b>		<b>12</b>
<b>A)</b>	<b>Write a note on Electronic mail and world wide web</b>	<b>Understand</b>	<b>6</b>
<b>B)</b>	<b>Describe cloud deployment models.</b>	<b>Understand</b>	<b>6</b>
<b>C)</b>	<b>Compare IPv4 with IPV6</b>	<b>Understand</b>	<b>6</b>
<b>*** End ***</b>			