



**D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY**  
**KASABA BAWADA KOLHAPUR-416006**  
 (An Autonomous Institute)  
 T. Y. B. Tech

Q. Paper Code:
Set:- I

**END SEMESTER EXAMINATION(ESE), Nov. – 2022**  
 Course Name: Cloud Computing Course Code: **201CSL302**

Day and Date: .....day, .../.../2022  
 Time: .....

Seat No:
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**Max. Marks- 50**

**Instructions:**

- i. Question No. 1,2 & 3 are compulsory.
- ii. The figure to the right indicates full marks.
- iii. Illustrate your answers with neat sketches wherever necessary.

BT	CO's	Q. No.		Marks
		<b>Q.1</b>	<b>All Questions are compulsory</b>	<b>20</b>
<b>2</b>	<b>C302.2</b>	<b>a</b>	Define Virtualization and illustrate its benefits.	<b>6</b>
<b>3</b>	<b>C302.5</b>	<b>b</b>	Explain Binary Translation with full virtualization.	<b>7</b>
<b>2</b>	<b>C302.1</b>	<b>c</b>	Discuss cloud computing characteristics in detail.	<b>7</b>
		<b>Q.2</b>	<b>All Questions are compulsory</b>	<b>10</b>
<b>1</b>	<b>C302.2</b>	<b>a</b>	Explain paravirtualization in detail.	<b>4</b>
<b>2</b>	<b>C302.2</b>	<b>b</b>	Discuss the differentiate between full virtualization and para virtualization.	<b>6</b>
		<b>Q.3</b>	<b>All Questions are compulsory</b>	<b>10</b>
<b>2</b>	<b>C302.3</b>	<b>a</b>	Define Virtualization and illustrate its benefits.	<b>3</b>
<b>4</b>	<b>C302.3</b>	<b>b</b>	Enlist the merits and demerits and cloud computing	<b>4</b>
<b>2</b>	<b>C302.3</b>	<b>b</b>	<b>OR</b> Write a note on community cloud.	<b>3</b>
		<b>Q.4</b>	<b>Attempt any questions</b>	<b>10</b>
<b>1,2</b>	<b>C302.4</b>	<b>a</b>	Draw and explain Service Oriented Architecture (SOA)	<b>5</b>
<b>1,2</b>	<b>C302.4</b>	<b>b</b>	Discuss type-2 hypervisor in detail.	<b>5</b>
<b>1,2</b>	<b>C302.4</b>	<b>c</b>	Write a short note on Amazon EC2.	<b>5</b>