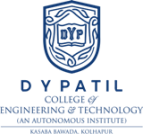
**D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY**

**Set-: I**

**Q. Paper Code:**

**22CSE302502**

**KASABA BAWADA KOLHAPUR-416006**

**(An Autonomous Institute)**

T. Y. B. Tech (CSE), Sem-V

**END SEMESTER EXAMINATION(ESE), DEC. – 2022**

Course Name: **Cloud Computing**, Course Code: **201CSL302**

Seat No:

**Day and Date: Wednesday, 07.12.2022**

**Time: 2.00 pm to 4.00 pm Max. Marks- 50**

***Instructions:***

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

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

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