

Seat No. **MAR_APR 2025 SUMMER EXAMINATION****11731 Bachelor of Technology (NEP-2.0)****Sub. Name: Cloud Computing****Sub. Code: 67542/83857/83992****Day and Date: MAY ,06-05-2025****Total Marks: 70****Time: 10:30 AM To 01:00 PM**

- Instructions:**
1. All questions are compulsory
 2. Draw neat labelled diagrams wherever necessary
 3. Figures to the right indicate full marks

- Q1)** Solve any two of the following [14]
- a. Explain Deployment Models in Cloud Computing with Example. [7]
 - b. Describe Evolution of cloud Computing with diagram. [7]
 - c. Explain Role of Web Services [7]
- Q2)** Solve any two of the following [14]
- a. Differentiate Full Virtualization and ParaVirtualization with diagram. [7]
 - b. Evaluate SLA Life cycle with Example. [7]
 - c. Explain SOA With neat Diagram. [7]
- Q3)** Solve any two of following [14]
- a. Explain implementation Levels of Virtualization. [7]
 - b. Explain following terms: [7]
 1. Hypervisor
 2. Machine Image
 - c. Describe Virtual Machine Managing and Provisionability with diagram (Virtual Machine Life cycle). [7]
- Q4)** Solve any two of the following [14]
- a. Explain Cloud contracting model. [7]
 - b. Explain XenVirtualization. [7]
 - c. Compare Traditional computing architecture and cloud computing [7]

architecture.

- Q5)** Solve any two of following. **[14]**
- a.** Explain any one case study in detail : Amazon EC2, Microsoft Azure, Open Stack. **[7]**
- b.** Describe how data Authentication done in cloud computing **[7]**
- c.** Explain Cloud computing stack with neat diagram. **[7]**

End Of Question Paper

Important Note for Chief Exam Officer / SRPD Coordinator / Sr Supervisor/ Student -

This Question Paper may be distributed for following Subjects as common code.

सदरची प्रश्नपत्रिका खालील विषयांकरिता वितरित करता येईल.

- 1] (1154) B.Tech. CBCS (83857) Cloud Computing Part 4 SEM 7
- 2] (101) Bachelor of Engineering (83992) Cloud Computing Part 4 SEM 7
- 3] (101) Bachelor of Engineering (67542) Distributed System Part 4 SEM 7