Seat No.

Total No. of Pages : 2

MAR_APR 2026 SUMMER EXAMINATION

1154 B.Tech. CBCS

Sub. Name: Cloud Computing

Sub. Code: 67542/83857/83992

Day and Date: Friday ,15-05-2026 **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 2 of the following (7 Marks Each) **[14]**

a. Describe Pros and Cons of cloud computing **[7]**

b. Differentiate between Grid computing, cluster computing and cloud computing **[7]**

c. Describe role of networks in cloud computing **[7]**

Q2) Solve any 2 of the following (7 Marks Each) **[14]**

a. Describe implementation levels of virtualization **[7]**

b. Explain Software as Services (SaaS). **[7]**

c. Explain traditional computing architecture (Client/server). **[7]**

Q3) Solve any 2 of the following (7 Marks Each) **[14]**

a. Explain benefits of virtualization. **[7]**

b. Explain Service level Agreements (SLAs). **[7]**

c. Explain Service Oriented Architecture (SOA). **[7]**

Q4) Solve any 2 of the following (7 Marks Each) **[14]**

a. Describe different approach to virtualization **[7]**

b. Explain data privacy and security issues in cloud computing **[7]**

c. What is virtual machine and machine image? **[7]**

Q5) Solve any 2 of the following (7 Marks Each) **[14]**

a. Explain how data authentication done in cloud computing **[7]**

85351

b. Explain case study of Amazon EC2 **[7]**

c. What are the advantages of cloud foundry. **[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

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