

Roll.No.

25UACT3005

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN  
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)  
Chromepet, Chennai - 600 044.

B.C.A. - END SEMESTER EXAMINATIONS - NOVEMBER 2025  
SEMESTER - III

**25UACT3005 - Cloud Computing**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### Section B

Answer any **SIX** questions ( $6 \times 5 = 30$  Marks)

1. List the advantages and disadvantages of Cloud computing.
2. Classify Cloud deployment & Cloud service model.
3. Prepare a short note on top 3 cloud computing service providers in the market.
4. Explain cloud computing-Publish Subscribe model.
5. Describe in detail about REST.
6. Describe Identity Access Management (IAM) architecture.
7. Examine data privacy & security concerns in a cloud computing environment.
8. Write a short note on Hadoop.

### Section C

Answer any **THREE** questions ( $3 \times 10 = 30$  Marks)

9. Organize the history and evolution of the Cloud computing chronologically.
10. Dissect NIST cloud computing reference architecture with its components.
11. Classify the different implementation levels of virtualization
12. Compare & contrast physical and virtual clusters and depict how resource management could be carried out in virtual management
13. Examine the 4 levels of federation in cloud and Future of federation.

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