

Roll.No.

23PCSCCT3007

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.

M.Sc.Computer Science - END SEMESTER EXAMINATIONS - NOVEMBER 2025
SEMESTER -III

23PCSCCT3007 - Cloud Computing

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Define cloud computing and list its key characteristics.
2. Explain the types of cloud services with examples.
3. Classify the risks in cloud computing and describe mitigation strategies.
4. Describe the role of Microsoft Azure in cloud-based education.
5. Explain the concept of virtualization and its benefits in cloud computing.
6. Illustrate how cloud computing is applied in real-world scenarios.
7. Describe cloud security services and their importance.
8. Justify the use of cloud tools in e-commerce applications.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Explain the working of cloud computing with a suitable diagram.
10. Classify different types of cloud storage and compare their architectures.
11. Diagnose the challenges in implementing cloud services in enterprise systems.
12. Critique the effectiveness of current cloud security models and propose improvements.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Assess the impact of cloud computing tools on online data storage and recommend best practices.
