

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 - NOV'2024

SEMESTER -III

23PCSCT3007- Cloud Computing

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Summarize the essential characteristics of cloud computing with suitable diagrams.
2. Illustrate in detail about Grid and distributed computing models.
3. Compute the different phases of cloud migration with a neat diagram.
4. Interpret the types of deployment models used in the cloud and justify the best.
5. Explore the data security in cloud.
6. Predict the characteristics and functionalities of public and private clouds.
7. Examine the security considerations and challenges associated with virtualization in cloud computing.
8. Assess the advantages and disadvantages of Amazon Elastic Compute Cloud (EC2) as a leading service provider in the market.

Section C

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

9. Interpret the ways of managing the cloud application with suitable examples.
10. Determine the role of a hypervisor and examine how the cloud model enables virtualization.
11. Evaluate the security issues associated with each of the three cloud delivery service models.
12. Examine Windows Azure services and their role in supporting the programming environment for developers.

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

13. Predict the various risk in cloud computing how to solve this risk give real time example?
