

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. - END SEMESTER EXAMINATIONS NOVEMBER - 2022

SEMESTER - II

20PCSET2SA2 - Social Network Analysis

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Illustrate social network analysis.
2. Explain graph theory in detail.
3. Prepare the procedure for hierarchical clustering.
4. Describe cliques in social network analysis.
5. What is critical mass in social media? Explain
6. Apply the graph data in the real world.
7. Describe server logs.
8. Examine social media sites.

Section B

Part A

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

9. Describe Graph traversals in detail.
10. Classify Cluster Components and explain.
11. Examine the social networks and big data.
12. Determine Twitter data collection.

Part B

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

13. Apply the concept of simple dynamic model in python.
