

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.(CS) - END SEMESTER EXAMINATIONS APRIL - 2023

SEMESTER - II

20PCSET2SA2 - Social Network Analysis

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Show the development of Social Network Analysis.
2. Classify Social Networks and Link Analysis.
3. Find the Communication Bottlenecks and Community Bridges.
4. Explain about Cliques.
5. Identify the Expanding Multimode Networks.
6. Describe about Information Diffusion.
7. Illustrate about Medium Data.
8. Elucidate the Social Media Sites.

Section C

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

9. Explain briefly about Graph Traversals.
10. Predict the Triads.
11. Justify the Affiliation Networks and Attribute Networks.
12. Conclude the working with 2 Mode Data.

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

13. Examine briefly about Hierarchical Clustering.

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