

QP CODE: 24045065



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, OCTOBER 2024

Third Semester

M.Sc COMPUTER SCIENCE (Data Analytics)

ELECTIVE - CA870301 - SENTIMENT ANALYTICS

2020 ADMISSION ONWARDS

F32987B3

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Why sentiment analysis is considered as a mini NLP problem?
2. What are polarities?
3. Define gradability.
4. State the opinion behind the sentence "Can anyone tell me where I can find a good Nokia phone".
5. What is epidemic modality?
6. What is PU learning?
7. Define sentiment lexicon.
8. What do you mean by corpus based approach of sentiment analysis?
9. Is supervised fake review is a challenging area. Why?
10. What is a review burst?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. How sentiment analysis is performed as a research?
12. Explain about emotion classification of documents.
13. Why I is necessary to use Discourse information for sentiment classification? Explain.
14. Explain the simple lexicon based method for Aspect sentiment classification.
15. Discuss sentiment words in Non-Opinion contexts in detail.
16. Briefly explain the methods of identifying comparative sentences.





17. How spam detection performed using review graphs?
18. Explain the working of Group spam detection algorithm.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain about Document sentiment Classification.
20. Discuss the aspect entity extraction used in sentiment analysis.
21. What is opinion search? Discuss about existing opinion retrieval techniques.
22. What is opinion spamming? Explain the types of spam and spamming

(2×5=10 weightage)

