

QP CODE: 22000601



Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION , JANUARY 2022

Second Semester

M.Sc.COMPUTER SCIENCE (DATA ANALYTICS)

CORE - CA030203 - DATA MINING AND ANALYTICS

2019 Admission Onwards

D1444FCC

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What are the terminologies referring to data mining?
2. Explain about the partitioning methods.
3. How is Mean related to Median?
4. What are the applications of metadata?
5. Differentiate the two types of regression.
6. Define association rule mining.
7. What is anti – monotone property.
8. What are the steps involved in preparing the data for classification?
9. What is attribute selection measure?
10. What is the Network topology in Neural Networks

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Describe the taxonomy of data mining tasks.
12. Explain the various data mining repositories on which mining can be performed.
13. Explain Data Preprocessing
14. What is discretization? Why is it important?





15. How to generate association rules from frequent itemsets?
16. What is association analysis and correlation analysis?
17. Explain Metrics for evaluating Classifier Performance
18. Explain Feed Forward Neural Networks

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. What is an attribute. Explain different types of attributes with examples.
20. Explain data reduction techniques .
21. Explain Constraint Based frequent pattern Mining .
22. Discuss the classification by backpropagation.

(2×5=10 weightage)

