

F-4882

Sub. Code

7BCAA4

**U.G. DEGREE EXAMINATION, APRIL 2021 &
Supplementary / Improvement/ Arrear Examinations**

Computer Application

Allied : DATA MINING AND WAREHOUSING

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is data mining?
2. Define data cube.
3. What is the importance of data preprocessing?
4. Define 2-score normalization.
5. Define Bayes theorem.
6. What is linear regression?
7. What is outlier?
8. What is density based clustering?
9. What is data security?
10. What is web mining?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe the data mining functionalities.

Or

- (b) Explain the architecture of data warehouse with a neat sketch

12. (a) Explain Data cleaning.

Or

- (b) Describe Data mining primitives.

13. (a) Explain mining frequent patterns without candidate generation.

Or

- (b) Write down the issues regarding classification and prediction.

14. (a) Explain BIRCH.

Or

- (b) Explain OPTICS.

15. (a) Explain Trends in Data mining.

Or

- (b) Discuss the mining of World Wide Web.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the multidimensional data model.
17. Discuss about Data Reduction.

18. Explain the classification based on concepts from association rule mining.
 19. Explain Grid based methods.
 20. Explain Data mining system products and research prototypes.
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