

Roll No: _____

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B.Sc. (Hons with Research)/ B.Sc. (Hons) as per FYUP

B.Sc. Semester II Examination, July 2024
Paper Title: DATABASE AND DATA MINING
Paper Code: BCH MDC 201

Time: 2 h

Max Marks: 45

Note: This paper has 3 Sections, A, B, and C. Attempt all three sections. Section A: Answer all the questions; Section B: Answer all the questions, each question in this section has an internal choice. Section C: Answer any two.

SECTION A

Question 1. State True or False for the following statements.

[5x1= 5 Marks]

- A. database has data and relationships. (True/False)
- B. DBMS stands for database management system. (True/False)
- C. A primary goal of a database system is to share data with multiple users. (True/False)
- D. OLTP stands for Outline traffic processing. (True/False)
- E. Datamart is not related to data warehouse. (True/False)

SECTION B

Question 2. Answer the following questions. Each question has an internal choice. [2x10=20 Marks]

- A. With suitable diagram explain database architecture.

OR

What do you mean by classification and prediction? Explain.

- B. What do you mean by data mining? Discuss in detail data mining functionalities.

OR

Explain integration of data mining system with a data warehouse with suitable example.

SECTION C

Question 3. Write short note on ANY TWO of the following.

[2x10 = 20 Marks]

- A. Lazy Learner.
- B. Decision tree induction.
- C. Data preprocessing.
- D. Rule - based classification.

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