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SB—499—2022

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

JUNE/JULY, 2022

(CBCS New Pattern)

COMPUTER SCIENCE

Paper-XV-B

(Data Mining)

(Tuesday, 12-07-2022)   **Time : 10.00 a.m. to 12.30 p.m.**

Time— 2.½ Hours   *Maximum Marks*—40

N.B. :—   (*i*)   *All* questions are compulsory.

     (*ii*)   Draw neat labelled diagram wherever necessary.

1.   What is data mining ? Explain various steps in Data Mining.   15

Or

(*a*)   What do you mean by data cleaning ?   8

(*b*)   Explain apriori algorithm in detail.   7

2.   What are the different application areas of Data Mining ?   15

Or

(*a*)   Explain the concept of Association Rules.   8

(*b*)   Explain various data mining techniques.   7

3.   Write short notes on any *two* of the following :   10

(*a*)   Issues in Data Mining

(*b*)   Prediction

(*c*)   Data warehouse usage

(*d*)   OLAP.