

CDOE
BACHELOR OF COMPUTER APPLICATIONS (CBCS-2018 COURSE)
B.C.A. Sem-VI : WINTER :- 2021
SUBJECT: DATA WAREHOUSING & DATA MINING

Day : Tuesday
Date 22-02-2022

W-19027-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 70

N.B.

- 1) Attempt **ANY FOUR** questions from Section – I.
 - 2) Attempt **ANY TWO** questions from Section – II.
 - 3) Figures to the **RIGHT** indicate **FULL** marks.
 - 4) Answers to both the sections should be written in **SAME** answer book.
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SECTION – I

- Q.1** Discuss various applications of Data Warehousing and Data Mining. (10)
- Q.2** Why should data be preprocessed in data mining process? List various data pre-processing techniques and explain the purpose of each in detail. (10)
- Q.3** Define Decision Tree. Write and explain decision tree development algorithm with an appropriate example. (10)
- Q.4** What are the measurements of pattern interestingness? Explain each measurement in brief. (10)
- Q.5** Explain the various OLAP operations in detail with the help of an example. (10)
- Q.6** Write short notes on :- (10)
a) Data Marts
b) Meta Data

SECTION – II

- Q.7** A priori algorithm is used to find the frequent item sets from candidate dataset. Explain the major two steps of the algorithm with an example. (15)
- Q.8** Explain K-Nearest Neighbor Classification algorithm in detail with an example. (15)
- Q.9** What is Cluster Analysis? What are the criteria to judge goodness of clusters? Give two applications of cluster analysis. (15)
