PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 2023

(Fifth Semester)

Branch - NETWORKING AND MOBILE APPLICATIONS

DISCIPLINE SPECIFIC ELECTIVE - I DATA MINING

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10 a Explain about k- means cluster algorithm.

OF

b Discuss about Mining Sequence Data.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 6 = 30)$

11 a Outline the major challenges to data mining in diversity of database types .

OF

- b Explain the frame work of data Warehouse in detail.
- 12 a How to fill the missing values for attribute?

OR

- b Discuss about Data reduction strategies.
- 13 a Classify the three data warehouse models from the architecture point of view.

OR

- b Explain about the OLAP operations.
- a Outline the major steps of decision tree classification.

OR

- b Discuss the Gain ratio in classification.
- 15 a Summarize the Requirements for Cluster Analysis.

OR

b Explain about graph and networks in mining.

Z-Z-Z

END