

No. of Printed Pages : 2

Roll No.

189061

Level 5 / 2nd. Sem. / DVOC

Software Development

Subject : Concepts of Data Mining

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory (10x1=10)

- Q.1 Define data reduction.
- Q.2 Define clustering in data mining.
- Q.3 Name any two areas of application of data mining.
- Q.4 ROLAP stands for _____
- Q.5 Mention one difference between classification and clustering.
- Q.6 Mention one issue in data mining.
- Q.7 Which one is faster (MOLAP or ROLAP)?
- Q.8 What are facts?
- Q.9 Define data mart.
- Q.10 What is meant by data integration in data mining?

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SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Differentiate between data mining and data warehousing.
- Q.12 Mention the advantages of a decision tree classifier.
- Q.13 Write down the difference between OLAP and OLTP.
- Q.14 Explain over-fitting.
- Q.15 Write short note on data mining statistics.
- Q.16 Write a short note on Naive Bayes Method.
- Q.17 Difference between dependent and independent data marts.
- Q.18 Briefly discuss the data warehouse systems and its components.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Mention the characteristics of OLAP systems. Also discuss the different OLAP servers-ROLAP, MOLAP and HOLAP.
- Q.20 What is meant by schema? Discuss the different schemas in data warehouse.

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