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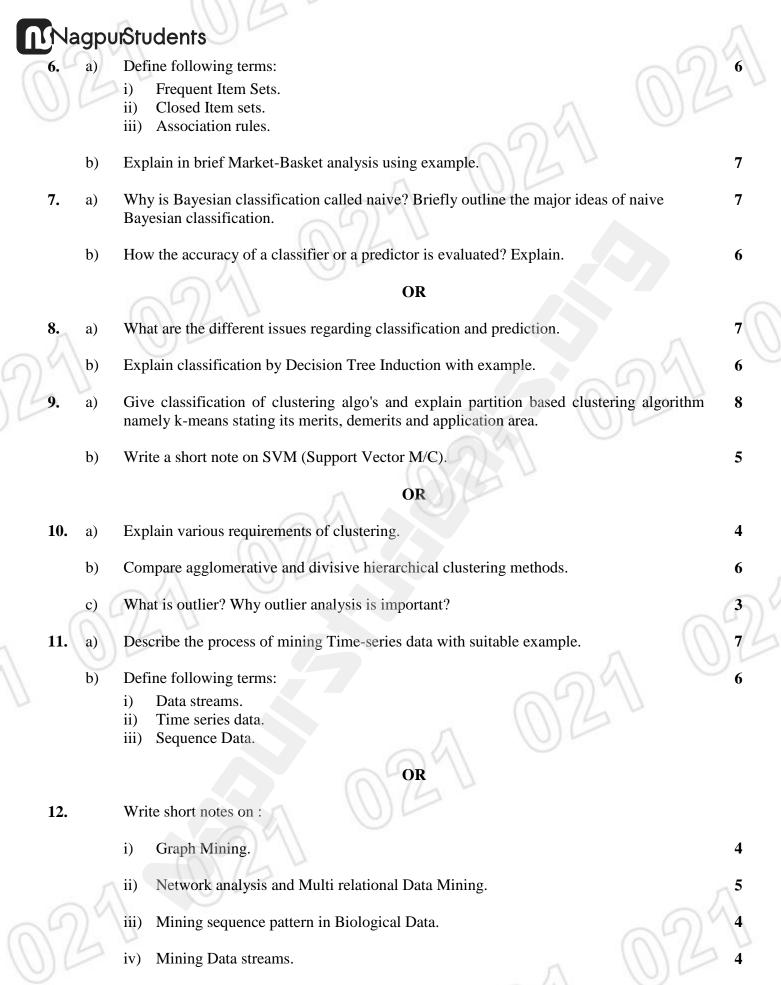
B.E. Seventh Semester (Computer Science & Engineering) (C.B.S.)

Data Warehousing & Mining

NKT/KS/17/7487 P. Pages: 2 Time: Three Hours Max. Marks: 80 Notes: 1. All questions carry marks as indicated. Solve Question 1 OR Questions No. 2. 3. Solve Question 3 OR Questions No. 4. Solve Question 5 OR Questions No. 6. Solve Question 7 OR Questions No. 8. Solve Question 9 OR Questions No. 10. 6. 7. Solve Question 11 OR Questions No. 12. 8. Illustrate your answers whenever necessary with the help of neat sketches. Explain various data mining functionalities along with examples. 8 b) What is the need of Data Preprocessing? Explain steps involved in data prepressing. 6 OR Discuss Major issues in Data Mining. 2. a) 7 Give classification of data mining system and also explain concept hierarchy generation. b) 3. Explain the need of Multidimensional Data Model. a) b) List and explain various OLAP operations. Differentiate between OLAP and OLTP. c) OR Explain three tier architecture of data warehouse with neat sketch. 8 4. a) Discuss the architecture of ROLAP and MOLAP in detail with the help of suitable diagram. b) 6 5. Explain constraint-based Association mining with example. 7 a) Associate rule mining often generate large number of rules. Discuss effective methods that can be used to reduce the number of rules generated while still preserving most of the interesting rules.

OR









High expectations are the key to everything. ~ Sam Walton

