Code No: A107321203 **Set No. 1**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, March- 2011

DATA WAREHOUSING AND DATA MINING

Objective Exam

Name: _____ Hall Ticket No. | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal MarksMin. Marks: 20.

I Choose the correct alternative:

1. If a rule concerns associations between the presence or absence of items, it is____ rule.[ ]
   a) Boolean association b) Quantitative association
   c) Frequent association d) Transaction association

2. Anti-monotone states [ ]
   a) If a set cannot pass a test, all its supersets also cannot pass the same test
   b) If a set cannot pass a test, all its supersets can pass the same test
   c) If a set passes a test, all its supersets cannot pass the same test
   d) None of the above

3. _ _ _ _ _ _ _ _ _ _ uses the concept to generalize the data by replacing lower-level data with high-level concepts. [ ]
   a) Analysis oriented induction b) Algorithm oriented induction
   c) Attribute oriented induction d) Approach oriented induction

4. The absolute closeness between 2 clusters, normalized w.r.t the internal closeness of two clusters is [ ]
   a) Relative distance b) Relative interconnectivity
   c) Relative density d) Relative closeness

5. _ _ _ _ _ _ _ _ is a optimization method for spatial association analysis. [ ]
   a) Progressive regression b) progressive refinement
   c) Progressive coverage d) refinement property

6. Percent (A," 70, 71 _ _ _ 80") => placement (A, "Infosys") The above rule clearly refer to _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ rule [ ]
   a) Boolean association b) Quantitative association
   c) Single dimensional association d) Multi dimensional association

7. Apriori algorithm employs level-wise search, where k-item sets uses ------ item sets. [ ]
   a) k b) (k-1) c) (k+1) d) (K+2)

8. Decision trees can easily be converted to _ _ _ _ _ _ _ rules. [ ]
   a) IF b) Nested IF c) If-THEN d) GROUP BY

9. Data which are inconsistent with the remaining set of data is called as [ ]
   a) Metadata b) Outliers c) Procedures d) process

Cont.....2

10. In _ _ _ _ _ _ _ _ _ signature, its image includes a composition of multiple features. [ ]
    a) Color histogram based b) multi feature composed
    c) Wavelet based d) region based granularity

II Fill in the blanks

11. _____ constraint specifies the set of task-relevant data.

12. _ _ _ _ _ _ _ _ _ _ _ is a two step process

13. _ _ _ _ _ _ _ is a density-based method that computers an augmented clustering.

14. A _ _ _ _ _ _ _ _ _ _ has complex tasks, graphics, images, videos, maps, voice, music etc.

15. If a rule describes association between quantitative attributes, it is a _ _ _ _ _ _ _ _ _ _ rule.

16. If in multi dimensional association rule with repeated predicates, which contains multiple occurrences of some predicate certain rules are called as _ _ _ _ _ _ _ _ _

17. The _ _ _ _ _ _ algorithm where each cluster is represented by one of the objects located near the center of cluster.

18. Which method overcame with the problem of favoring clusters with spherical shape and similar sizes _____

19. _ _ _ _ _ _ _ _ _ is a task of mining significant patterns from a plan base.

20. _ _ _ _ _ _ _ _ _ _ _ is a collection of pointers to spatial objects.

-oOo-

Code No: A107321203 **Set No. 2**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, March- 2011

DATA WAREHOUSING AND DATA MINING

Objective Exam

Name: _____ Hall Ticket No. | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal MarksMin. Marks: 20.

I Choose the correct alternative:

1. The absolute closeness between 2 clusters, normalized w.r.t the internal closeness of two clusters is [ ]
   a) Relative distance b) Relative interconnectivity
   c) Relative density d) Relative closeness

2. _ _ _ _ _ _ _ _ is a optimization method for spatial association analysis. [ ]
   a) Progressive regression b) progressive refinement
   c) Progressive coverage d) refinement property

3. Percent (A," 70, 71 _ _ _ 80") => placement (A, "Infosys") The above rule clearly refer to _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ rule [ ]
   a) Boolean association b) Quantitative association
   c) Single dimensional association d) Multi dimensional association

4. Apriori algorithm employs level-wise search, where k-item sets uses ------ item sets. [ ]
   a) k b) (k-1) c) (k+1) d) (K+2)

5. Decision trees can easily be converted to _ _ _ _ _ _ _ rules. [ ]
   a) IF b) Nested IF c) If-THEN d) GROUP BY

6. Data which are inconsistent with the remaining set of data is called as [ ]
   a) Metadata b) Outliers c) Procedures d) process

7. In _ _ _ _ _ _ _ _ _ signature, its image includes a composition of multiple features. [ ]
   a) Color histogram based b) multi feature composed
   c) Wavelet based d) region based granularity

8. If a rule concerns associations between the presence or absence of items, it is____ rule.[ ]
   a) Boolean association b) Quantitative association
   c) Frequent association d) Transaction association

9. Anti-monotone states [ ]
   a) If a set cannot pass a test, all its supersets also cannot pass the same test
   b) If a set cannot pass a test, all its supersets can pass the same test
   c) If a set passes a test, all its supersets cannot pass the same test
   d) None of the above

Cont.....2

10. _ _ _ _ _ _ _ _ _ _ uses the concept to generalize the data by replacing lower-level data with high-level concepts. [ ]
    a) Analysis oriented induction b) Algorithm oriented induction
    c) Attribute oriented induction d) Approach oriented induction

II Fill in the blanks

11. A _ _ _ _ _ _ _ _ _ _ has complex tasks, graphics, images, videos, maps, voice, music etc.

12. If a rule describes association between quantitative attributes, it is a _ _ _ _ _ _ _ _ _ _ rule.

13. If in multi dimensional association rule with repeated predicates, which contains multiple occurrences of some predicate certain rules are called as _ _ _ _ _ _ _ _ _

14. The _ _ _ _ _ _ algorithm where each cluster is represented by one of the objects located near the center of cluster.

15. Which method overcame with the problem of favoring clusters with spherical shape and similar sizes _____

16. _ _ _ _ _ _ _ _ _ is a task of mining significant patterns from a plan base.

17. _ _ _ _ _ _ _ _ _ _ is a collection of pointers to spatial objects.

18. _____ constraint specifies the set of task-relevant data.

19. _ _ _ _ _ _ _ _ _ _ _ is a two step process

20. _ _ _ _ _ _ _ is a density-based method that computers an augmented clustering.

-oOo-

Code No: A107321203 **Set No. 3**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, March- 2011

DATA WAREHOUSING AND DATA MINING

Objective Exam

Name: _____ Hall Ticket No. | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal MarksMin. Marks: 20.

I Choose the correct alternative:

1. Percent (A," 70, 71 _ _ _ 80") => placement (A, "Infosys") The above rule clearly refer to _ _ _ _ _ _ _ _ _ _ _ _ _ rule [ ]
   a) Boolean association b) Quantitative association
   c) Single dimensional association d) Multi dimensional association

2. Apriori algorithm employs level-wise search, where k-item sets uses ------ item sets. [ ]
   a) k b) (k-1) c) (k+1) d) (K+2)

3. Decision trees can easily be converted to _ _ _ _ _ _ _ rules. [ ]
   a) IF b) Nested IF c) If-THEN d) GROUP BY

4. Data which are inconsistent with the remaining set of data is called as [ ]
   a) Metadata b) Outliers c) Procedures d) process

5. In _ _ _ _ _ _ _ _ _ signature, its image includes a composition of multiple features. [ ]
   a) Color histogram based b) multi feature composed
   c) Wavelet based d) region based granularity

6. If a rule concerns associations between the presence or absence of items, it is____ rule.[ ]
   a) Boolean association b) Quantitative association
   c) Frequent association d) Transaction association

7. Anti-monotone states [ ]
   a) If a set cannot pass a test, all its supersets also cannot pass the same test
   b) If a set cannot pass a test, all its supersets can pass the same test
   c) If a set passes a test, all its supersets cannot pass the same test
   d) None of the above

8. _ _ _ _ _ _ _ _ _ _ uses the concept to generalize the data by replacing lower-level data with high-level concepts. [ ]
   a) Analysis oriented induction b) Algorithm oriented induction
   c) Attribute oriented induction d) Approach oriented induction

9. The absolute closeness between 2 clusters, normalized w.r.t the internal closeness of two clusters is [ ]
   a) Relative distance b) Relative interconnectivity
   c) Relative density d) Relative closeness

Cont.....2

10. _ _ _ _ _ _ _ _ is a optimization method for spatial association analysis. [ ]
    a) Progressive regression b) progressive refinement
    c) Progressive coverage d) refinement property

II Fill in the blanks

11. If in multi dimensional association rule with repeated predicates, which contains multiple occurrences of some predicate certain rules are called as _ _ _ _ _ _ _ _ _

12. The _ _ _ _ _ _ algorithm where each cluster is represented by one of the objects located near the center of cluster.

13. Which method overcame with the problem of favoring clusters with spherical shape and similar sizes _____

14. _ _ _ _ _ _ _ _ _ is a task of mining significant patterns from a plan base.

15. _ _ _ _ _ _ _ _ _ _ is a collection of pointers to spatial objects.

16. _____ constraint specifies the set of task-relevant data.

17. _ _ _ _ _ _ _ _ _ _ _ is a two step process

18. _ _ _ _ _ _ _ is a density-based method that computers an augmented clustering.

19. A _ _ _ _ _ _ _ _ _ _ has complex tasks, graphics, images, videos, maps, voice, music etc.

20. If a rule describes association between quantitative attributes, it is a _ _ _ _ _ _ _ _ _ _ rule.

-oOo-

Code No: A107321203 **Set No. 4**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, March- 2011

DATA WAREHOUSING AND DATA MINING

Objective Exam

Name: _____ Hall Ticket No. | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal MarksMin. Marks: 20.

I Choose the correct alternative:

1. Decision trees can easily be converted to _ _ _ _ _ _ _ rules. [ ]
a) IF b) Nested IF c) If-THEN d) GROUP BY

2. Data which are inconsistent with the remaining set of data is called as [ ]
a) Metadata b) Outliers c) Procedures d) process

3. In _ _ _ _ _ _ _ _ _ signature, its image includes a composition of multiple features. [ ]
a) Color histogram based b) multi feature composed
c) Wavelet based d) region based granularity

4. If a rule concerns associations between the presence or absence of items, it is____ rule.[ ]
a) Boolean association b) Quantitative association
c) Frequent association d) Transaction association

5. Anti-monotone states [ ]
a) If a set cannot pass a test, all its supersets also cannot pass the same test
b) If a set cannot pass a test, all its supersets can pass the same test
c) If a set passes a test, all its supersets cannot pass the same test
d) None of the above

6. _ _ _ _ _ _ _ _ _ _ uses the concept to generalize the data by replacing lower-level data with high-level concepts. [ ]
a) Analysis oriented induction b) Algorithm oriented induction
c) Attribute oriented induction d) Approach oriented induction

7. The absolute closeness between 2 clusters, normalized w.r.t the internal closeness of two clusters is [ ]
a) Relative distance b) Relative interconnectivity
c) Relative density d) Relative closeness

8. _ _ _ _ _ _ _ _ is a optimization method for spatial association analysis. [ ]
a) Progressive regression b) progressive refinement
c) Progressive coverage d) refinement property

9. Percent (A," 70, 71 _ _ _ 80") => placement (A, "Infosys") The above rule clearly refer to _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ rule [ ]
a) Boolean association b) Quantitative association
c) Single dimensional association d) Multi dimensional association

Cont.....2

10. Apriori algorithm employs level-wise search, where k-item sets uses ------ item sets. [ ]
a) k b) (k-1) c) (k+1) d) (K+2)

II Fill in the blanks

11. Which method overcame with the problem of favoring clusters with spherical shape and similar sizes _____

12. _ _ _ _ _ _ _ _ _ is a task of mining significant patterns from a plan base.

13. _ _ _ _ _ _ _ _ _ _ is a collection of pointers to spatial objects.

14. _____ constraint specifies the set of task-relevant data.

15. _ _ _ _ _ _ _ _ _ _ _ is a two step process

16. _ _ _ _ _ _ _ is a density-based method that computers an augmented clustering.

17. A _ _ _ _ _ _ _ _ _ _ has complex tasks, graphics, images, videos, maps, voice, music etc.

18. If a rule describes association between quantitative attributes, it is a _ _ _ _ _ _ _ _ _ _ rule.

19. If in multi dimensional association rule with repeated predicates, which contains multiple occurrences of some predicate certain rules are called as _ _ _ _ _ _ _ _ _

20. The _ _ _ _ _ _ algorithm where each cluster is represented by one of the objects located near the center of cluster.

-oOo-