<u>Dashboard</u> / My co	ourses / DM&DW / Topic 3 / UNIT 3 & 4 QUIZ EXAMINATION
State Completed on	Wednesday, 28 April 2021, 2:26 PM Finished Wednesday, 28 April 2021, 2:59 PM 32 mins 44 secs
Question 1 Complete Marked out of 1.00	
Support (A=>B)=	
a. P(AUB)	
○ b. P(A/B)	
C. P(B/A)	
○ d. P(A <b)< td=""><td></td></b)<>	
The correct answer P(AUB)	is:
Question 2 Complete Marked out of 1.00	
Confidence (A=>B)	
○ a. P(A <b)< td=""><td></td></b)<>	
○ b. P(AŲB)	
c. P(A/B)	
d. P(B/A)	
The correct answer P(B/A)	is:

/2021	UNIT 3 & 4 QUIZ EXAMINATION: Attempt review
Question 3	
Complete	
Marked out of 1.00	
Tree Pruning is	
b. None of the options given	
c. To identify and remove such branches	
d. To identify classification methods	
The correct answer is: To identify and remove such bra	anches
Question 4	
Complete	
Marked out of 1.00	
Minimum confidence threshold are called	
a. level- wise search	
○ b. support count	
c. Association Rules	
d. Strong Association Rules	

The correct answer is: Strong Association Rules

2021	UNIT 3 & 4 QUIZ EXAMINATION: Attempt review
Question 5 Complete Marked out of 1.00	
In one of the frequent item-set examples, it is obsen After generating an association rule among the give	ved that if milk and bread are bought then eggs are also purchased by the customers. n set of items, it is inferred
a. The item set {milk, eggs} is consequent and {egg	s} is antecedent
 b. {Milk} is antecedent and the item set {bread, egg 	ys} is consequent
C. {Milk} is antecedent and {eggs} is consequent	
d. The item set {milk, bread} is consequent and {eg	gs} is antecedent
The correct answer is: The item set {milk, bread} is consequent and {eggs} i	is antecedent
Question 6 Complete	
Marked out of 1.00	
How can we best represent 'support' for the following	ng association rule: "If X and Y, then Z"
a. {X,Y,Z}/(Total number of transactions)	
○ b. {X,Y}/(Total number of transactions)	
○ c. {Z}/{X,Y}	
○ d. {Z}/(Total number of transactions)	

The correct answer is:

{X,Y,Z}/(Total number of transactions)

1/2021	UNIT 3 & 4 QUIZ EXAMINATION: Attempt review
Question 7	
Complete	
Marked out of 1.00	
Δ database has five transaction	s, four transactions consist milk & bread , further of the given four transaction , three transactions include
	centage for the following association rule " if milk and bread are purchased, then cheese is also purchased"
○ a. 75%	
b. 60%	
o. 100%	
O d. 80%	
The correct answer is: 60%	
Question 8	
Complete	
Marked out of 1.00	
Knowledge type of constraints	to be mined based on
a. Correlation	
b. Association	
c. Both A and B	
d. None of the options giver	1
The convert on a view	

The correct answer is: Both A and B

1/2021	UNIT 3 & 4 QUIZ EXAMINATION: Attempt review	
Question 9		
Complete		
Marked out of 1.00		
High level declarative Data mining query la	nguage and user interface based on	
a. Rule Constraints		
b. All the options given		
c. Dimension/ Level constraints		
O d. Data constraints		
The correct answer is:		
All the options given		
Question 10		
Complete		
Marked out of 1.00		
Bayesian classifiers are statistical classifiers	they can predict the	
a. Membership probabilities		
o b. Rough set approach		
C. Fuzzy set approaches		
od. Bits of knowledge.		
The correct answer is:		

Membership probabilities

Question 11 Complete
Marked out of 1.00
Mining Frequent item sets and associations has been extended in various ways to include mining
○ a. Both A and B
○ b. Multi dimensional association rule
○ c. None of the options given
d. Multilevel association rule
The correct answer is: Both A and B
Question 12 Complete
Marked out of 1.00
Methods for mining frequent item sets can be extended for the mining of
a. Closed frequent item sets
b. All the options givenc. Open frequent item sets
d. Large Datasets
The correct answer is: Closed frequent item sets
Question 13 Complete
Marked out of 1.00
manaca dat of not
Users allows to focus the search for rules by providing meta rules consist
a. Rule based mining
○ b. Quantitative association rules
c. Constraint based rule mining
○ d. Multilevel association rules

The correct answer is: Constraint based rule mining

Question 14
Complete Marked out of 1.00
Marked out of 1.00
what patterns are patterns that appear frequently in a data set
 a. none of the above
b. sequential
○ c. structured
d. Frequent
The correct answer is:
Frequent
Question 15
Complete Marked out of 1.00
warked out of 1.00
Finding frequent patterns, associations, correlations, or causal structures among sets of items or objects in transaction databases, relational
databases, and other information repositories
a. Association rule mining
 b. None of the options given
c. Multi dimensional association rule
d. Multilevel association rule
The correct answer is: Association rule mining
Question 16
Complete
Marked out of 1.00
Classification predicts
 a. Transactional Data
○ b. Relational Data
o c. Text Data
d. Categorical Data
The correct answer is:
Categorical Data

/2021 UN	NIT 3 & 4 QUIZ EXAMINATION: Attempt review
Question 17	
Complete	
Marked out of 1.00	
The training data are accompanied by the labels indicating	ng the class of the observations is called
a. Supervised learning	
b. Unsupervised learning	
o c. Model Construction	
od. Classification	
The correct answer is:	
Supervised learning	
Question 18	
Complete	
Marked out of 1.00	
Which of the following is a disadvantage of decision tree	rs?
a. Decision tree are robust to outlier	
b. Decision tree are prone to overfit	
c. None of the options given	
d. Factor Analysis	

The correct answer is:

Decision tree are prone to overfit

Question 19
Complete Made de transfil 00
Marked out of 1.00
Which of the following algorithm are not an example of ensemble learning algorithm?
Decision Tree
○ b. Ada Boost
○ c. Random forest
□ d. Gradient Boosting
The correct answer is: Decision Tree
Question 20 Complete
Marked out of 1.00
If Linear regression model perfectly first i.e., train error is zero, then
a. Couldn't comment on Test errorb. Test error is non zero
○ c. Test error is also always zero
○ d. Test error is equal to Train error
The correct answer is: Couldn't comment on Test error
Question 21 Complete
Marked out of 1.00
Which of the following metrics can be used for evaluating regression models?
a. RMSE / MSE / MAEb. R Squared
c. Adjusted R Squared
○ d. F Statistics
The correct answer is:

RMSE / MSE / MAE

Question 22
Complete Marked out of 1.00
A regression model in which more than one independent variable is used to predict the dependent variable is called
 a. none of the mentioned
b. a simple linear regression model
c. a multiple regression models
d. an independent model
The correct answer is: a multiple regression models
Question 23
Complete
Marked out of 1.00
The bayesian network can be used to answer any query by using
a. Full Distribution
○ b. All the options given
c. Partial Distribution
d. Joint Distribution
The correct answer is: Joint Distribution
Question 24
Complete
Marked out of 1.00
The training data are accompanied by the labels indicating the class of the observations is called
a. Supervised learning
○ b. Model Construction
c. Unsupervised learning
d. Classification
The correct answer is:

Supervised learning

Question 25 Complete
Marked out of 1.00
Which type of Class label of training data is unknown
a. Model Construction
○ b. Prediction
C. Unsupervised learning
○ d. Supervised learning
The correct answer is: Unsupervised learning
Question 26 Complete
Marked out of 1.00
Decision Tree are
a. Multi level mining
b. High dimensional data with good accuracy
c. Low dimensional data with good accuracy
d. Association Rule mining
The correct answer is:
High dimensional data with good accuracy
Question 27 Complete
Marked out of 1.00
Bagging is
a. Clustering method
b. Reduce the variance of a decision tree classifier
c. Convert weak learners to strong learners
○ d. Linear Regression model

The correct answer is:

Reduce the variance of a decision tree classifier

Question 28
Complete Marked out of 1.00
Warked Out of 1.00
Decision tree induction is the learning of decision trees each branch represents
○ a. A class label
b. Outcome of the test
○ c. Test on an attribute
○ d. Root node
The correct answer is: Outcome of the test
Question 29 Complete
Marked out of 1.00
Preprocess data in order to reduce noise and handle missing values
 a. None of the above
○ b. Data Transformation
○ c. Feature Extraction
d. Data cleaning
The correct answer is: Data cleaning
Duta dealing
Question 30
Complete Market and a f 1 00
Marked out of 1.00
which is constructed in a top-down recursive divide-and-conquer manner
a. Decision Tree
○ b. Binary Tree
○ c. FP growth Tree
○ d. All the above
The correct answer is:

Decision Tree

◄ Unit II Notes

Jump to...

UNIT III NOTES ▶



Sathyabama Learning Management System ~Developed by Cognibot

■ e-Resources

INFO

<u>Facebook</u>

<u>Twitter</u>

<u>Instagram</u>

<u>YouTube</u>

GET SOCIAL





Copyright © 2020 - cognibotrobotics.com