

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)
Gundlapochampally (H), Maisammaguda (V), Medchal (M), Medchal-Malkajgiri (Dist), Hyderabad**III B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, MAY-2019**Subject: Data Warehousing and Data Mining

Branch: CSE

Time: 3 hours

Max. Marks: 75

PART – A

5x1Mark=5 Marks

I. Answer ALL questions of the following

1. What is data mining?
2. Define OLAP.
3. What is the main purpose of frequent item set?
4. State classification?
5. Write about different types of data in clustering analysis.

II. Answer ALL questions of the following

10x2Marks=20 Marks

1. What are major issues in data mining?
2. Write about Data Mining Task primitives.
3. Write a short notes on OLTP.
4. Explain the snowflake schema?
5. What is Correlation Analysis?
6. Discuss various kinds of Association Rules?
7. Explain the K-nearest-neighbor classifiers
8. What is classification? Explain the general approach to classification.
9. What is mining the World Wide Web?
10. Explain about the requirements for clustering?

PART-B

Answer ALL questions of the following

5x10 Marks= 50Marks

1. a) Describe about the correlation analysis using Chi-square?
b) Write in detail about Principal component Analysis (PCA)

OR

2. a) Explain the process of KDD with a neat diagram.
b) What are major issues in Data mining?
3. a) Describe the three-tier data warehousing architecture?
b) Explain the architecture for on-line analytical mining?

OR

4. a) Differentiate operational database systems and data warehousing?
b) Explain with an example the different schemas for multidimensional databases?
5. a) Describe multi dimensional association rules using static Descrretization?
b) Explain what are additional rule constraints to guide mining?

OR

6. a) Summarize how dose tree pruning working? What are some enhancements to basic decision tree induction?
b) Explain Bayesian belief networks?
7. a) Explain about the major issues regarding classifications and predictions?
b) Write an algorithm for k-nearest-neighbor classification given k and n, the number of attributes describing each tuple?

OR

8. State Baye's Theorem. Explain Bayesian Belief Networks with an example
9. a) Explain the categories of major clustering methods?
b) Write algorithms for k-means and k-medoids? Explain?

OR

10. a) How do you handle spatial and non-spatial data, while carrying out any mining tasks?
b) Propose different neighborhood relationships that can be used for density-based clustering of spatial data?

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III B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, APRIL-2019Subject: Java and Web Technologies

Branch: CSE

Time: 3 hours

Max. Marks: 75

PART – A

I. Answer ALL questions of the following

5x1Mark=5 Marks

1. What are the principles of OOP?
2. Define package.
3. What is thread?
4. What is the role of JDBC?
5. What is JSP?

II. Answer ALL questions of the following

10x2Marks=20 Marks

1. Explain the benefits of OOP.
2. List out any three methods of String class.
3. Define package and explain with an example?
4. What is the benefits of exception handling.
5. Explain thread life cycle.
6. Explain Java Script.
7. Write about JDBC drivers.
8. Explain The Servlet API.
9. Explain about JSP.
10. list out the advantages of JSP over JavaScript and Servlet?

PART-B

Answer ALL questions of the following

5x10 Marks= 50Marks

1. What are the principles of OOP? Explain the benefits of OOP when compared to structured programming.

(OR)

2. What is a constructor and explain various types of constructors supported by Java.
3. Write a java program which uses BufferedReader and BufferedWriter class methods.

(OR)

4. Explain the usage of try, catch, throw, throws, finally keywords with an example.
5. Explain inter thread Communication with an example.

(OR)

6. Why form is used in HTML? List out the elements of a form with examples.
7. Explain about types of JDBC Drivers in detail.

(OR)

8. Write a java program to implement Session tracking.
9. Write about the scripting elements and implicit objects in JSP?

(OR)

- 10 What is JSP and list out the advantages of JSP over JavaScript and Servlet?