

BE INST-M AUG 2018

of Questions : 6]

SEAT No. :

[Total No. of Pages : 2

BE/Insem./Oct.-589

B.E. (Computer Engineering)

DATA MINING AND WAREHOUSING

(2015 Pattern) (Elective - I) (Semester - I)

[Max. Marks : 30

ns to the candidates:

Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.

Assume suitable data, if necessary.

Neat diagrams must be drawn wherever necessary.

Figures to the right indicate full marks.

Suppose that the minimum and maximum values for the attribute income are \$12,000 and \$98,000 respectively. Normalize income value \$73,600 to the range [0.0, 1.0] using min-max normalization method. [4]

Explain various data cleaning techniques. [4]

What is correlation analysis? [2]

OR

Explain different methods for attribute subset selection (any 2). [4]

For the given attribute marks values : [4]

55, 45, 50, 55, 60, 65, 75

Compute mean, median, mode.

Also compute Five number summary of above data.

Enlist different methods of sampling. [2]

From the architectural point of view, explain different data warehouse models. [4]

Differentiate between ROLAP, MOLAP and HOLAP [4]

What is Concept Hierarchy? Explain. [2]

OR

Draw and Explain a data warehouse architecture explain following OLAP operations with example. [4]

Drill Up

Slice & Dice

What is fact table and dimension table. [2]

P.T.O.

BE/Insem./Oct.-589