Subject:	Data mining and Business Intelligence (ITC602)		
Class:	TE IT Semester – VI (CBCGS) Academic year: 2018-19 (SH 2019)		
Name of Student:			
Roll No:		Date of performance (DOP) :	
Assignment No:	Theory Assignment 01	Date of checking (DOC) :	
Marks:		Teacher's Signature:	

Marks shall be evaluated as out of 20 (15 marks for answers, 03 marks for presentation and 02 marks for punctuality)

Batch: B1

Q.1	Find the Mean, Mode and Median {4,6,2,7,4,8,3,4,7,5,9,8,2,4,7}	(03)
Q.2	Apply Binning methods for the data given above.	(03)
Q.3	List the methods to deal with missing values.	(04)
Q.4	What are steps in Data mining?	(05)

Batch: B2

Q.1	Find the Mean, Mode and Median {6,5,7,4,3,6,8,2,9,8,4,5,8,6,8}	(03)
Q.2	Apply Binning methods for the data given above.	(03)
Q.3	List the different steps in data pre-processing.	(04)
Q.4	Explain regression and cluster analysis for handling noise in data.	(05)

Batch: B3

Q.1	Find the Mean, Mode and Median {4,6,2,7,4,8,3,4,7,5,9,8,2,4,7}	(03)
Q.2	Apply Binning methods for the data given above.	(03)
Q.3	What are outliers? Explain cluster analysis method for outlier detection.	(04)
Q.4	What is confusion matrix? Define how to calculate accuracy, precision and recall using confusion matrix.	(05)

Batch: B4

Q.1	Find the Mean, Mode and Median {4,6,2,7,4,8,3,4,7,5,9,8,2,4,7}	(03)
Q.2	Apply Binning methods for the data given above.	(03)
Q.3	Explain data integration in brief.	(04)
Q.4	Explain Box plot analysis with suitable example.	(05)