

Worksheet

1

Name:

Roll No: Class: Section:

Date:

CLASSIFICATION AND CLUSTERING

Unit-9

A. Answer the following questions.

- Define the following:
 - False Positive
 - Multiclass classification
 - F1 Score
- Out of false positive or false negative, which one is dangerous for the patient? Why? Give reasons.
- Complete the following table:

	Type of data used (labelled/ unlabelled/ continuous/ discrete/ordinal etc.)	Type of learning	Prediction (numeric/ textual/ both)	Application
Clustering				
Regression				

- Why is K means clustering called centroid-based clustering?

B. Fill in the blanks.

- is the process of categorizing a dataset into classes or groups.
- In logistic regression the dependent variable is always
- is used to validate the performance of a classification model.
- If the value is low, it means there are more false alarms than the actual ones.