

COMSATS University Islamabad, Lahore Campus
Department of Electrical and Computer Engineering
M. A. Jinnah Campus, Lahore.

CSC462 – Artificial Intelligence

Total Marks 20

Assignment 2

Resource Person: Engr. Dr. Muhammad Farooq-i-Azam

Problem 1

(10)

Sample values of features L, M, N, O and T to be used in a learning model are provided in Table 1. Calculate univariate chi square test score of each feature. Give details of each step of your calculations.

Table 1: Sample points of selected features

L	M	N	O	T
7	1	11	2	23
3	5	19	1	43
2	9	21	3	17
6	2	27	5	41

Problem 2

(10)

Calculate standard deviation of each feature given in Table 1.

Notice

Work submitted should be your own. A strict disciplinary action will be taken against any students who submit plagiarized homework or assignment. This includes zero marks in the submitted work, fine, failure in the course and expulsion from the degree program.