

Quiz-1

AI and Its Application
Maximum Marks: 15

Date: 14/02/2023
Roll Number:

Que-1: Define AI. When an algorithm can be called intelligent? Explain with one example. [5]

Que-2: Consider the confusion matrix in the given figure and answer the following questions: **(a)** Calculate total number of samples in training dataset.

(b) Find the approx. "overall classification accuracy" for all classes combined. [2+3]

Training Confusion Matrix			
Output Class	1	2	3
	80 1.6%	2 0.0%	8 0.2%
	0 0.0%	1 0.0%	0 0.0%
3	34 0.7%	249 4.9%	4666 92.6%
Target Class			

Que-3: One classification problem is given; will you choose CNN/ ANN to solve this problem? and Why (What is the process for you to decided ANN/ CNN for any problem) ? [5]