



**SRM Institute of Science and Technology**  
**College of Engineering and Technology**  
**School of Computing**

Mode of Exam  
**OFFLINE-  
CLASSROOM**

**DEPARTMENT OF COMPUTATIONAL INTELLIGENCE**

SRM Nagar, Kattankulathur – 603203, Chengalpattu District, Tamilnadu

**REGISTER NUMBER:**

**Academic Year: 2023- 2024**

**EVEN SEM**

**Test** : CLAT-1

**Date:** 20.02.2023

**Course Code & Title** :18CSE481T / Applied Machine Learning

**Duration:**1.00Hr

**Year &Sem** : III year / VI Sem

**Max. Marks:**25

S.No.	Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
1	CO1	H	M	H	-	H	-	-	-			H	H	H	H
2	CO2	H	M	H	-	H	-	-	-			H	H	H	H
3	CO3	H	M	H	-	H	-	-	-			H	H	H	H
4	CO4	H	M	H	-	H	-	-	-			H	H	H	H

**Part – A**  
**( 5 x 1 = 5 Marks)**

**Instructions: Answer All Questions**

Q. No	Question	Marks	BL	CO	PO	PI Code
1	What is the output of <ul style="list-style-type: none"><li>from nltk.tokenize import word_tokenize</li><li>text = "Trying to grow up is hurting. You make mistakes. You try to learn from them, and when you don't, it hurts even more."</li><li>print(word_tokenize(text))</li></ul> Answer	1	1	CO1	PO1	1.6.1
2	Map the proper lexical term for  “THE FANS WATCH THE RACE” Answer_____	1	1	CO1	PO1	1.6.1
3		1	2	CO1	PO1	1.7.1
4	Lemmatize the words below Changed, changing, changes _____	1	1	CO1	PO1	1.6.1
5	Give an example for UH and TO _____	1	2	CO1	PO1	1.7.1

<b>PART -B (2* 5=10 Marks)</b>						
6.	Differentiate between Term frequency and inverse document frequency	5	1	CO1	PO1	1.6.1
7	Give a python code for creating bag of words (3) and List the limitations of Bag words(2).	5	1	CO1	PO1	1.6.1
<b>PART C (1*10 MARKS)</b>						
8	With relevant notions and explanations give a detail note on Latent Dirichlet Allocation for Topic Modeling	10	2	CO1	PO1	1.7.1

