	Mode of Exam
	OFFLINE-CLASSROOM

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	NLTK tokenize a. Word and sentence tokenize b. Strings and special characters c. Stop words and Vowels d. Preposition and adjectives Answer-	1	1	CO1	PO1	1.6.1

2	Fill in the blanks
	Out put for the below code_____
	
	 #import these modules
	from nltk.stem import WordNetLemmatizer
	 lemmatizer = WordNetLemmatizer()
	 print("rocks :", lemmatizer.lemmatize("rocks"))
	print("corpora :", lemmatizer.lemmatize("corpora"))
	 # a denotes adjective in "pos"
	print("better :", lemmatizer.lemmatize("better", pos ="a"))
		1	1	CO1	PO1	1.6.1

3	word classes are also known as_____ or _____	1	2	CO1	PO1	1.7.1
4	Stem the words below Cooking _____ Caring_____	1	1	CO1	PO1	1.6.1
5	Give an example for VBP and VBZ _____	1	2	CO1	PO1	1.7.1

	PART -B (2* 5=10 Marks)					
6.	Differentiate between Over stemming Vs Under stemming Vs Stemming with an example (3), A sample python code for all (2).	5	1	CO1	PO1	1.6.1
7	Define tagging (1) Relate the working principle of Backoff tagging works with a neat sketch (4)	5	1	CO1	PO1	1.6.1
	PART C (1*10 MARKS)					
8	Write a case study on Twitter data on text analysis for tweets and hashtags (5), and leverage your answers with any of the trending hashtags you came across in twitter (5).	10	2	CO1	PO1	1.7.1

CO Coverage %

BL Coverage Percentage