1T00192 - M.C.A. (Sem-II) (Choice Based) Two Year Programme / 55925 - Elective II : Natural Language Processing
QP CODE:10043829   DATE :5 JAN 2024

Time :(3 Hours)   **(Total Marks:80)**

N.B:

1. Question No. 1 is Compulsory
2. Attempt any three Questions out of the remaining Q2 to Q6
3. Answer to sub questions should be answered together.

Q.1		Attempt **Any Four**	**20**
	a	Explain stemming with example	
	b	Explain generic NLP system with diagram	
	c	Explain WordNet	
	d	Explain Semantic Analysis	
	e	What is Morphology analysis and explain in detail	
Q.2	a	List out Application of NLP	**10**
	b	Explain Lemmatization with example	**10**
Q.3	a	Discuss the challenges of NLP	**10**
	b	Explain Finite state Automata.	**10**
Q.4	a	Explain Empirical laws	**10**
	b	Explain CRF	**10**
Q.5	a	Explain Syntax Analysis	**10**
	b	Explain with examples Inflectional morphology & Derivational Morphology.	**10**
Q.6	a	Explain Sentiment Analysis with example	**10**
	b	Explain the components of NLP.	**10**

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