

Terna Engineering College
Department of Computer Engineering (FH-2022)
Internal Assessment Test (IAT-2)

Subject:-Natural Language Processing [NLP] [DLOC]

Sem:-VIII (A, B, C)

Max. Marks: 20 Duration: 1Hr

Date:-19/04/2022 Time: 2:00 to 3:00

Note: Attempt all questions.

1. Draw neat diagrams wherever necessary.
2. All sub-questions of the same question should be answered at one place only in their serial order, and not scattered.
3. Assume suitable data if required.
4. *Copying solutions is academic dishonesty.*
5. The quality of your writing will be taken into account in the grade. The reader must understand what you wrote! Justify your answers.

Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal (01) marks	Marks (6)
1	Ramesh, student of The Harvard University, saw his friend at shop- In above sentence THE HARVARD UNIVERSITY represent which type referring expression.	1
Option A:	Indefinite Noun Phrase and Demonstrative.	
Option B:	Definite Noun Phrase and Names	
Option C:	Indefinite Noun Phrase and Names	
Option D:	Definite Noun Phrase and Demonstrative	
2	In homonymy, the meanings of the words are not _____	1
Option A:	Joined	
Option B:	Related	
Option C:	Analysed	
Option D:	Changed	
3	Coreference resolution is a well-studied problem in _____.	1
Option A:	Discourse	
Option B:	Text classification	
Option C:	WSD	
Option D:	Lexical Analysis	
4	The natural language expression that is used to perform reference is called a _____	1

Option A:	Referring expression	
Option B:	Regular expression	
Option C:	Antecedent	
Option D:	Corefer	
5	Pragmatic refers to	1
Option A:	Literal meaning	
Option B:	Intended meaning	
Option C:	Structural meaning	
Option D:	Wordnet dictionary meaning	
6	John bought an acura integra today but the engine seemed noisy which of following is inferable referent?	1
Option A:	John	
Option B:	Acura	
Option C:	Engine	
Option D:	Noisy	

Q2	Solve any one	7
a	What do you mean by adverb phrase? Define following with examples: (a) Hyponymy; (b) Polysemy; (c) Synonymy d) meronymy	
	OR	
b	Explain wordnet structure example ? How WSD is used in NLP applications?	
Q3	Solve any one	7
a	What are different approaches of machine translation? Also explain real time example of Name Entity recognition system in detail.	
	OR	
b	What do you mean by interactive information retrieval?	