**Unit -1:**

What is the field of Natural Language Processing (NLP)?

{~ Computer Science ~Artificial Intelligence ~Linguistics =All the mentioned}

What is the main challenge of NLP?

{=Handling Ambiguity of Sentences ~Handling Tokenization ~Handling POS-Tagging ~All the mentioned}

Choose form the following areas where NLP can be useful?

{~Automatic Text Summarization ~ Automatic Q&A ~Information Extraction =All the mentioned}

What is Machine Translation?

{=Converts one Human language to another ~ Converts any human Language to Machine Language ~Converts any human language to English ~ Converts Machine Language to Human Language}

What is Morphological Segmentation?

{~ Does Discourse Analysis =Separates Words into individual morphemes and identify the class of morphemes ~ is an extension of propositional logic =None of the mentioned}

Many words have more than one meaning; we have to select the meaning which makes the most sense in the given context. This can be resolved by \_\_\_\_\_?

{~ Fuzzy logic =WordSense Disambiguity ~Shallow Semantic Analysis ~ All of the mentioned}

For a given sound clip of a person or people speaking, determine the textual representation of the speech is called \_\_\_\_\_\_\_\_\_?

{=Speech-To-Text ~Talk-To-Text ~Voice-To-Text ~Voice Commands}

In Linguistic morphology \_\_\_\_\_ is the process for reducing inflected words to their root form?

{~rooting =Stemming ~Text-Proofing ~All of the mentioned}

How many Steps are there in NLP?

{=5 ~4 ~3 ~6}

\_\_\_\_\_\_\_\_\_\_is the step in which input sentence is converted into a hierarchical structure the corresponding to the unit meaning in sentence?

{=Syntactic processing ~semantic processing ~ pragmatic processing ~All of the mentioned}

Which among the following is on of the stages in NLP Pipeline?

{~Sentiment Analysis ~Tokenization ~Spellchecking ~Syntactic Analysis}

The process of understanding the meaning and interpretation of words, signs and sentence structure is called as \_\_\_?

{~Tokenization ~Lexical Analysis =Semantic Analysis ~Sentiment Analysis}

"I saw bats" Contains which type of ambiguity?

{~Syntactic ~Semantic =Lexical ~Anaphoric}

"Linear sequences of words are transformed into structure that show how the words are related to each other" is the part of \_\_\_\_Analysis?

{~Semantic =Syntactic ~Lexical ~Pragmatic}

How many ambiguities exist in the following sentence, "I know little Italian"?

{=1 ~3 ~2 ~0}

\_\_\_\_technique looks at the meaning of the word?

{~Stemming =Lemmatization ~Stop Words ~Morphological Analysis}

Which of the following belongs to the open class group?

{=Nouns ~Prepositions ~Determinants ~Conjunctions}

**Unit-2**

\_\_\_\_\_\_\_\_\_is a group of words that may belongs as a single unit or phrase?

{=Constituency ~Grammatically Reaction ~Sub-Categorization ~Dependencies}

Syntax Analyzer is also known as \_\_\_\_\_?

{~Hierarchical Analysis ~Sequential Analysis ~General Analysis =Hierarchical Analysis and Parsing}

\_\_\_\_\_\_tagger uses probabilistic and statistical information to assign tags to words?

{~Rule based =Stochastic tagger ~Statistical Tagger ~POS tagger}

"I want an early upgrade" What is the type of the word class for the word "want"?

{=Verb ~Determinant ~Personal Pronoun ~Adjective}

"Buy books for children" which type of ambiguity exists in the above sentence?

{~Semantic =Syntactic ~Lexical ~Pragmatic}

Context-free grammar also known as \_\_\_\_\_?

{~Meaning structure grammars =Character structure grammars ~Shape structure grammar ~Phrase Structure grammars}

Consider the statement "the Students went to Class" . Assign POS tags for the statement?

{=DT NN VB P NN ~DT NN NN P NN ~NN NN VB P NN ~DT NN VB P DT}

CFG Captures \_\_\_\_\_\_\_?

{=Consistency and ordering ~Word meaning ~relation between words ~sentence meaning}

Which of the following belongs to the open class group?

{=Verbs ~Prepositions ~Determinants ~Conjunctions}

What is type of relation between the words "meet and "meat"?

{~Homophones ~Hyponym ~Co-hyponym =Homonyms}

The words "bank/data bank/blood bank" is an example of \_\_\_\_\_?

{~Homophony ~Synonymy ~Hyponymy =Polysemy}

"Car is a \_\_\_\_\_\_of "Vehicle"?

{~Antonym ~Hypernym ~Homonym =Hyponym}

"The car hit the pole while it was moving" what type of ambiguity exists in the statement?

{~Lexical ~Syntactic =Semantic ~Pragmatic}

Which of the following pair represents Antinomy lexical relation?

{=(fat, thin) ~(crow, bird) ~(window, door) ~(head, nose)}

Perfect homonyms create problems in \_\_\_\_\_\_?

{~Text Recognition ~Information Retrieval ~Text Classification =Speech Recognition}

\_\_\_\_\_\_\_\_are the lexemes with the same orthographic form but different meaning?

{=Homographs ~homophones ~synonyms ~Hypernyms}

The study of which words occur together, and frequency of co-occurrence is called as \_\_\_?

{~Connotation =Collection ~Imitation ~Location}

Characterizing the meaning of words in terms of its relationship to other words such as synonymy, antonym and hyponymy is called?

{~Lexical relationship =Semantic analysis ~Collection ~Gradable antonyms}

**Unit-3**

Parts of Speech tagging determines\_\_\_\_\_\_?

{ ~ POS for each word dynamically as per meaning of the sentence ~ POS for each word dynamically as per sentence structure ~ all POS for a specific word given as input =All of the mentioned}

One of Property of the POS Tagging?

{~Reference Tagging ~Co-Reference Tagging =Knowledge-based Tagging ~Semantic Tagging}

Stochastic POS Tagging means \_\_\_?

{~Noun Tagging ~Rule-Based Tagging =Statistic Tagging ~Parsing Tagging}

RuleBased POS Tagging uses \_\_\_\_\_\_?

{~Automated Tagging =Handwritten Tagging ~Stochastic Tagging ~ParsingTagging}

Approach of Stochastic POS Tagging \_\_\_\_\_?

{~Stochastic Approach ~ RuleBased Approach =WordFrequency Approach ~Parsing Approach}

Brill POS Tagging also called \_\_\_\_\_\_\_?

{ ~Stochastic Tagging =Transformation Based Tagging ~RuleBased Tagging ~Simple Parsing}

How many Steps involved in TBL POS Tagging \_\_\_\_\_\_?

{~5 ~4=3~6}

Hidden Markov Model (HMM) is also called as \_\_\_\_\_\_?

{~Simple TBL model =Double-Embedded Stochastic Model ~Simple Stochastic Model ~Advanced Stochastic Model}