

SET	TYPE	MARKS	QUESTION	CO	PI	Bloom's Level	Accessible For	ANSWER-ONE	ANSWER-ONE-STATUS	ANSWER-TWO	ANSWER-TWO-STATUS	ANSWER-THREE	ANSWER-THREE-STATUS	ANSWER-FOUR	ANSWER-FOUR-STATUS	ANSWER-FIVE	ANSWER-FIVE-STATUS	ANSWER-SIX
A	SINGLE-CORRECT	1	What is the key difference between "analytics" and "text analytics"?	CO1		Understand	My Institute	Analytics focuses on numerical data, while text analytics deals with textual information.	Incorrect	Analytics is used in business applications, while text analytics is used in scientific research.	Incorrect	Analytics is used for both structured & unstructured data, while text analytics is used for unstructured data.	Correct	Analytics and text analytics are interchangeable terms with no significant difference.	Incorrect			
A	SINGLE-CORRECT	1	What is the primary purpose of Text Mining and Analytics?	CO1		Understand	My Institute	To analyze numerical data in business reports.	Incorrect	To extract valuable insights and patterns from unstructured text data.	Correct	To create graphical representations of data.	Incorrect	To perform statistical analysis on structured databases.	Incorrect			
A	SINGLE-CORRECT	1	Why is there a need for Text Mining and Analytics?	CO1		Understand	My Institute	To analyze only structured data for business decision-making.	Incorrect	To handle numerical data efficiently.	Incorrect	To uncover hidden patterns and insights in unstructured text data.	Correct	To replace traditional data analysis techniques.	Incorrect			
A	SINGLE-CORRECT	1	What is a key application of Text Analytics in advertisement agencies?	CO1		Understand	My Institute	Analyzing financial data.	Incorrect	Extracting insights from unstructured customer feedback.	Correct	Managing employee records.	Incorrect	Conducting market research using numerical data.	Incorrect			

A	SINGLE-CORRECT	1 Which technique is commonly used for Big Data Analysis of unstructured text data?	CO1	Understand	My Institute	Regression Analysis	Incorrect	Sentiment Analysis	Correct	Descriptive Statistics	Incorrect	Hypothesis Testing	Incorrect
A	SINGLE-CORRECT	1 In the context of Big Data Analysis, what does "unstructured text data" refer to?	CO1	Understand	My Institute	Data with a well-defined format and structure.	Incorrect	Data that is organized in spreadsheets.	Incorrect	Data that lacks a predefined data model and is not organized in a tabular format.	Correct	Data that is exclusively numerical.	Incorrect
A	SINGLE-CORRECT	1 What is the primary characteristic of Big Data?	CO1	Understand	My Institute	Small volume of data	Incorrect	Easily manageable and structured	Incorrect	Limited processing speed	Incorrect	Variety, Volume, and Velocity	Correct
A	SINGLE-CORRECT	1 Which of the following best defines the concept of "Volume" in the context of Big Data?	CO1	Understand	My Institute	The amount of data generated and collected	Correct	The variety of data sources	Incorrect	The speed at which data is generated	Incorrect	The complexity of data structures	Incorrect

A	SINGLE-CORRECT	1 What does the term "Velocity" refer to in the context of Big Data?	CO1	Understand	My Institute	The speed at which data is processed and analyzed	Correct	The diversity of data types	Incorrect	The amount of data stored in a database	Incorrect	The size of individual data elements	Incorrect
A	SINGLE-CORRECT	1 What is the primary goal of Big Data Analytics?	CO1	Understand	My Institute	To decrease data variety	Incorrect	To increase data complexity	Incorrect	To extract meaningful insights from large and complex datasets	Correct	To limit data volume	Incorrect
A	SINGLE-CORRECT	1 Which of the following is an example of lexical ambiguity?	CO1	Understand	My Institute	fisherman went to the bank,	Correct	"She saw a bat in the cave."	Incorrect	"They read a book together."	Incorrect	"The teacher taught the class."	Incorrect
A	SINGLE-CORRECT	1 In the sentence, "I saw a man with a telescope," what is an example of lexical ambiguity?	CO1	Understand	My Institute	The word "saw"	Incorrect	The word "man"	Incorrect	The word "telescope"	Correct	The word "with"	Incorrect

A	SINGLE-CORRECT	1 What distinguishes lexical ambiguity from syntactic ambiguity?	CO1	Understand	My Institute	Lexical ambiguity involves word choice, while syntactic ambiguity involves sentence structure.	Correct	Lexical ambiguity only occurs in written language, while syntactic ambiguity occurs in spoken language.	Incorrect	Lexical ambiguity is unrelated to meaning, while syntactic ambiguity is related to word meanings.	Incorrect	Lexical ambiguity is more common in poetry, while syntactic ambiguity is more common in prose.	Incorrect
A	SINGLE-CORRECT	1 What is the primary challenge posed by lexical ambiguity in natural language processing?	CO1	Understand	My Institute	It has no impact on natural language processing.	Incorrect	It can lead to misinterpretation of text.	Correct	It only affects spoken language, not written language.	Incorrect	It simplifies the process of machine translation.	Incorrect
A	SINGLE-CORRECT	1 What is the significance of considering lexical ambiguity in legal documents?	CO1	Understand	My Institute	Legal documents are never affected by lexical ambiguity.	Incorrect	Lexical ambiguity can lead to misunderstandings and legal disputes.	Correct	Legal language is inherently unambiguous.	Incorrect	Lexical ambiguity is only relevant in creative writing.	Incorrect
A	SINGLE-CORRECT	1 What does NLP stand for?	CO1	Understand	My Institute	Natural Linguistic Processing	Incorrect	Neural Language Processing	Incorrect	Natural Language Programming	Incorrect	Natural Language Processing	Correct
A	SINGLE-CORRECT	1 What is the purpose of tokenization in NLP?	CO1	Understand	My Institute	Identifying and removing stop words	Incorrect	Breaking text into smaller units, such as words or phrases	Correct	Transforming words to their base forms	Incorrect	Analyzing the syntactic structure of sentences	Incorrect

A	SINGLE-CORRECT	1 Which of the following best defines stemming in NLP?	CO1	Understanding	My Institute	Grouping words based on their syntactic functions	Incorrect	Identifying the part of speech of each word in a sentence	Incorrect	Reducing words to their root or base form	Correct	Removing common words that do not carry significant meaning	Incorrect
A	SINGLE-CORRECT	1 What are "stop words" in the context of NLP?	CO1	Understanding	My Institute	Words that indicate the part of speech of a term	Incorrect	Words that are essential for understanding the meaning of a sentence	Incorrect	Common words that are often removed in the pre-processing stage	Correct	Words that carry the most significant meaning in a text	Incorrect
A	SINGLE-CORRECT	1 What is the primary goal of removing stop words in NLP?	CO1	Understanding	My Institute	To reduce the size of the dataset	Incorrect	To improve the accuracy of machine learning models	Incorrect	To focus on the most meaningful words in a text	Correct	To identify the part of speech of each word	Incorrect
A	SINGLE-CORRECT	1 What is the primary purpose of One Hot Encoding?	CO2	Understanding	My Institute	Representing numerical values in a binary format	Incorrect	Encoding categorical variables into binary vectors	Correct	Creating a bag of words representation	Incorrect	Analyzing the frequency of word occurrences	Incorrect
A	SINGLE-CORRECT	1 Which of the following is an example of Word Association?	CO2	Understanding	My Institute	Analyzing the frequency of words in a document	Incorrect	Identifying the subject and predicate in a sentence.	Incorrect	Connecting "sun" with "shine" and "day."	Correct	Counting the number of syllables in a word	Incorrect

A	SINGLE-CORRECT	1 How can Word Association be applied in marketing and advertising?	CO2	Understand	My Institute	By analyzing word pronunciation in advertisements.	Incorrect	By identifying grammatical errors in marketing copy.	Incorrect	By counting the number of words in advertising slogans.	Incorrect	By creating associations between product names and positive sentiments.	Correct
A	SINGLE-CORRECT	1 What is the relationship between Word Association and natural language generation?	CO2	Understand	My Institute	Word Association is not related to natural language generation.	Incorrect	Word Association improves the accuracy of word translations.	Incorrect	Word Association contributes to generating coherent and contextually relevant text.	Correct	Word Association only focuses on grammatical correctness.	Incorrect
A	SINGLE-CORRECT	1 What is the primary goal of semantic analysis in natural language processing?	CO2	Understand	My Institute	Understanding the meaning and interpretation of words and sentences.	Correct	Counting the occurrences of each word in a document.	Incorrect	Identifying spelling errors in a text.	Incorrect	Analyzing the syntactic structure of sentences.	Incorrect
A	SINGLE-CORRECT	1 In the context of semantic analysis, what does the term "semantics" refer to?	CO2	Understand	My Institute	The meaning and interpretation of language.	Correct	The study of word origins.	Incorrect	The analysis of sentence structure.	Incorrect	The identification of grammatical errors.	Incorrect

A	SINGLE-CORRECT	1 What role does semantic analysis play in natural language understanding?	CO2	Understand	My Institute	It has no impact on natural language understanding.	Incorrect	It assists in deciphering word pronunciations.	Incorrect	It focuses solely on syntactic correctness.	Incorrect	It contributes to comprehending the context, intent, and nuances of language.	Correct
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A	SINGLE-CORRECT	1 How does semantic analysis contribute to sentiment analysis?	CO2	Understand	My Institute	By analyzing the origins of words	Incorrect	By identifying the structure of sentences.	Incorrect	By determining the frequency of word occurrences.	Incorrect	By understanding the emotional tone and meaning behind words and phrases.	Correct
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A	SINGLE-CORRECT	1 Which of the following is an application of semantic analysis?	CO2	Understand	My Institute	Extracting meaning from a text, such as in chatbots or virtual assistants.	Correct	Identifying punctuation marks in a text.	Incorrect	Deciphering word pronunciations.	Incorrect	Counting the number of words in a document.	Incorrect
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A	SINGLE-CORRECT	1 In the context of semantic analysis, what is the role of WordNet?	CO2	Understand	My Institute	WordNet only focuses on spelling variations.	Incorrect	WordNet is not relevant to semantic analysis.	Incorrect	WordNet provides information about word origins.	Incorrect	WordNet is a lexical database that helps understand the semantic relationships between words.	Correct
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A	SINGLE-CORRECT	1 How does semantic analysis contribute to chatbot development?	CO2	Understand	My Institute	By understanding user intent and providing contextually relevant responses.	Correct	By analyzing sentence structure.	Incorrect	By deciphering word pronunciations.	Incorrect	By counting the number of words in user messages.	Incorrect
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A	SINGLE-CORRECT	1 In linguistic terms, what does the term "paradigmatic" refer to?	CO2	Understand	My Institute	The study of word pronunciation.	Incorrect	The study of language origins.	Incorrect	The analysis of sentence structure.	Incorrect	The relationship between words that can substitute for each other in a particular context.	Correct
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A	SINGLE-CORRECT	1 Which of the following best describes the paradigmatic relationship between words?	CO2	Understand	My Institute	Words that have different pronunciations.	Incorrect	Words that share a similar meaning.	Incorrect	Words that are spelled similarly.	Incorrect	Words that can substitute for each other in a given context.	Correct
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A	SINGLE-CORRECT	1 How does the paradigmatic relationship differ from the syntagmatic relationship in linguistics?	CO2	Understand Institute	Paradigmatic relationships involve the arrangement of words in a sequence.	Incorrect	Syntagmatic relationships focus on the substitution of words in a specific context.	Correct	Paradigmatic relationships involve words that occur in a fixed order.	Incorrect	Syntagmatic relationships can be interchanged freely.	Incorrect
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A	SINGLE-CORRECT	1 How does paradigmatic analysis contribute to natural language processing?	CO2	Understand Institute	It assists in identifying substitutable words for improved language understanding.	Correct	It focuses on grammatical correctness.	Incorrect	It improves word pronunciation in processed text.	Incorrect	It aids in analyzing sentence structure.	Incorrect
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A	SINGLE-CORRECT	1 In linguistics, what does the term "syntagmatic" refer to?	CO2	Understand Institute	The arrangement of words in a sequence or order.	Correct	The analysis of sentence structure.	Incorrect	The study of word origins.	Incorrect	The relationship between words that can substitute for each other in a particular context.	Incorrect
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A	SINGLE-CORRECT	1 Which of the following best describes the syntagmatic relationship between words?	CO2	Understand Institute	My Institute	Words that can substitute for each other.	Incorrect	Words that share a similar meaning.	Incorrect	Words that are spelled similarly.	Incorrect	Words that occur together in a specific order or sequence.	Correct
A	SINGLE-CORRECT	1 Which of the following is an example of presupposition?	CO2	Understand Institute	My Institute	"Have you stopped beating your dog?"	Correct	"I wonder if it will rain tomorrow."	Incorrect	"John regrets eating the last cookie."	Incorrect	"Did you enjoy the party last night?"	Incorrect
A	SINGLE-CORRECT	1 What are the three main types of data in the context of Big Data?	CO2	Understand Institute	My Institute	Structured, Semi-structured, Unstructured	Correct	Numeric, Textual, Graphical	Incorrect	Historical, Real-time, Predictive	Incorrect	Binary, Decimal, Hexadecimal	Incorrect
A	SINGLE-CORRECT	1 Which type of data includes information like XML files and JSON documents?	CO2	Understand Institute	My Institute	Structured data	Incorrect	Semi-structured data	Correct	Unstructured data	Incorrect	Binary data	Incorrect

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