**INT426 (Gen AI) SET 4 CA 1**

\*\*Introduction to Generative AI (CO1):\*\*

1. Which type of models are the focus of generative AI?

a. Only Supervised Models

b. Only Reinforcement Models

c. Both Generative and Discriminative Models

d. Only Unsupervised Models

\*\*Prompt Engineering - Bloom Level 1 (CO2):\*\*

2. What is the primary goal of prompt engineering at Bloom Level 1?

a. Generating Creative Prompts

b. Understanding Model Architecture

c. Focusing on Simple Prompt Formulation

d. Implementing Advanced Algorithms

\*\*Prompt Engineering - Bloom Level 2 (CO2):\*\*

3. How does Bloom Level 2 prompt engineering differ from Level 1?

a. It involves complex mathematical equations.

b. It focuses on refining and optimizing prompts.

c. It only deals with basic vocabulary.

d. It emphasizes creative writing.

4. In prompt engineering at Bloom Level 2, what is crucial for generating meaningful responses?

a. Lengthy Prompts

b. Ambiguous Phrasing

c. Clear and Concise Prompts

d. Use of Technical Jargon

5. Which aspect is considered while crafting prompts at Bloom Level 2?

a. Only Syntax

b. Both Syntax and Semantics

c. Only Semantics

d. Only Structure

\*\*Prompt Engineering - Bloom Level 4 (CO2):\*\*

6. At Bloom Level 4, what is a key consideration in refining prompts for language models?

a. Basic Language Patterns

b. Abstract and Complex Concepts

c. Limited Vocabulary

d. Single-Word Prompts

7. What is the significance of context in prompt engineering at Bloom Level 4?

a. Context is irrelevant.

b. Context shapes the generation of responses.

c. Context is limited to one sentence.

d. Context is only considered for grammar correction.

8. In Bloom Level 4 prompt engineering, what skill is essential for effective prompt design?

a. Syntax Mastery

b. Creative Writing

c. Algorithmic Understanding

d. Semantic Analysis

\*\*Prompt Engineering - Bloom Level 5 (CO2):\*\*

9. What characterizes Bloom Level 5 prompt engineering?

a. Basic Language Proficiency

b. Advanced Concept Integration

c. Minimal Context Consideration

d. Relying on Predefined Templates

10. How does Bloom Level 5 prompt engineering contribute to language model proficiency?

a. Enhances Grammatical Accuracy

b. Expands Creative Writing Abilities

c. Focuses on Simplifying Language

d. Only Considers Technical Vocabulary

11. In Bloom Level 5, what role does the author's style play in prompt design?

a. No Significance

b. Influences the Model's Output Style

c. Limits Model Adaptability

d. Isolated Impact on Syntax

\*\*Answer Key:\*\*

\*\*Prompt Engineering - Bloom Level 2 (CO2):\*\*

12. What is the primary objective of prompt refinement at Bloom Level 2?

a. Adding Redundancy to Prompts

b. Ensuring Ambiguity in Phrasing

c. Improving Clarity and Effectiveness

d. Ignoring Grammatical Correctness

\*\*Prompt Engineering - Bloom Level 4 (CO2):\*\*

13. At Bloom Level 4, what factor is crucial for generating diverse and contextually relevant responses?

a. Random Prompt Variation

b. Embedding Personal Opinions

c. Understanding User Preferences

d. Minimizing Semantic Complexity

14. In Bloom Level 4, how does prompt engineering contribute to handling ambiguous queries effectively?

a. Ignoring Ambiguity

b. Encouraging Ambiguity

c. Resolving Ambiguity

d. Amplifying Ambiguity

\*\*Prompt Engineering - Bloom Level 5 (CO2):\*\*

15. What distinguishes Bloom Level 5 prompt engineering from lower levels?

a. Strictly Following Templates

b. Tailoring Prompts to Author's Style

c. Avoiding Contextual Considerations

d. Relying Solely on Model Predictions

\*\*Answer Key (Continued):\*\*

1. c, 2. c, 3. b, 4. c, 5. b, 6. b, 7. b, 8. d, 9. b, 10. b, 11. b

12. c, 13. c, 14. c, 15. b