**INT426 (Gen AI)**

**Section: CA-1 Set 4 Roll No:**

**Max Marks: 30 Duration: 40 mins**

Choose the correct answer and write in the cell given below.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Q1** |  | **Q6** |  | **Q11** |  | **Q16** |  | **Q21** |  | **Q26** |  |
| **Q2** |  | **Q7** |  | **Q12** |  | **Q17** |  | **Q22** |  | **Q27** |  |
| **Q3** |  | **Q8** |  | **Q13** |  | **Q18** |  | **Q23** |  | **Q28** |  |
| **Q4** |  | **Q9** |  | **Q14** |  | **Q19** |  | **Q24** |  | **Q29** |  |
| **Q5** |  | **Q10** |  | **Q15** |  | **Q20** |  | **Q25** |  | **Q30** |  |

**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

**2. What is the primary goal of prompt engineering?**

a. Generating Creative Prompts

b. Understanding Model Architecture

c. Focusing on Simple Prompt Formulation

d. Implementing Advanced Algorithms

**3. How does prompt engineering differ from generative AI direct questioning?**

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, 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?**

a. Only Syntax

b. Both Syntax and Semantics

c. Only Semantics

d. Only Structure

6. **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?**

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. what skill is essential for effective prompt design?**

a. Syntax Mastery

b. Creative Writing

c. Algorithmic Understanding

d. Semantic Analysis

**9. What characterizes prompt engineering?**

a. Basic Language Proficiency

b. Advanced Concept Integration

c. Minimal Context Consideration

d. Relying on Predefined Templates

**10. How does 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. 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

**12. What is the primary objective of prompt refinement?**

a. Adding Redundancy to Prompts

b. Ensuring Ambiguity in Phrasing

c. Improving Clarity and Effectiveness

d. Ignoring Grammatical Correctness

**13 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. **How does prompt engineering contribute to handling ambiguous queries effectively?**

a. Ignoring Ambiguity

b. Encouraging Ambiguity

c. Resolving Ambiguity

d. Amplifying Ambiguity

**15. What distinguishes high level 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