**INT426 (Gen AI) CA-2 Set 1**

Sure, I can prepare 15 high-level multiple-choice questions based on the provided topics. Here they are:

1. \*\*What does the ACHIEVE framework aim to accomplish in computing?\*\*

a. Optimize computational speed

b. Enhance user engagement

c. Achieve reliable results and model performance

d. Minimize coding errors

\*\*Answer: c. Achieve reliable results and model performance\*\*

2. \*\*Which pattern focuses on refining questions to improve the interaction with large language models?\*\*

a. Prompt Tuning Pattern

b. Question Refinement Pattern

c. Audience Persona Pattern

d. Flipped Interaction Pattern

\*\*Answer: b. Question Refinement Pattern\*\*

3. \*\*In the context of large language models, what is the primary purpose of the Cognitive Verifier Pattern?\*\*

a. Enhance model understanding through verification

b. Validate computational efficiency

c. Optimize prompt patterns

d. Improve audience interaction

\*\*Answer: a. Enhance model understanding through verification\*\*

4. \*\*Which pattern focuses on tailoring interactions based on the characteristics of the target audience?\*\*

a. Audience Persona Pattern

b. Game Play Pattern

c. Template Pattern

d. Meta Language Creation Pattern

\*\*Answer: a. Audience Persona Pattern\*\*

5. \*\*What is the main goal of the Flipped Interaction Pattern in computing?\*\*

a. Invert the traditional user-computer interaction

b. Speed up computational processes

c. Improve prompt generation

d. Streamline game interactions

\*\*Answer: a. Invert the traditional user-computer interaction\*\*

6. \*\*Which pattern involves the creation of a language that facilitates effective communication with large language models?\*\*

a. Game Play Pattern

b. Template Pattern

c. Meta Language Creation Pattern

d. Recipe Pattern

\*\*Answer: c. Meta Language Creation Pattern\*\*

7. \*\*The Recipe Pattern is primarily used for:\*\*

a. Developing cooking applications

b. Creating step-by-step instructions for language models

c. Optimizing game interactions

d. Refining audience personas

\*\*Answer: b. Creating step-by-step instructions for language models\*\*

8. \*\*What is the main purpose of the Alternate Approaches Pattern in computing?\*\*

a. Diversify problem-solving strategies

b. Optimize computational algorithms

c. Minimize prompt complexity

d. Refine question patterns

\*\*Answer: a. Diversify problem-solving strategies\*\*

9. \*\*Which pattern involves combining multiple interaction patterns for a more comprehensive approach?\*\*

a. Combining Patterns

b. Expansion Patterns

c. Menu Action Patterns

d. Check List Pattern

\*\*Answer: a. Combining Patterns\*\*

10. \*\*What is the primary objective of the Menu Action Patterns in computing?\*\*

a. Streamline menu navigation

b. Enhance game play experiences

c. Optimize prompt generation

d. Refine audience personas

\*\*Answer: a. Streamline menu navigation\*\*

11. \*\*The Check List Pattern is commonly used for:\*\*

a. Game development

b. Prompt refinement

c. Cognitive verification

d. Step-by-step procedures

\*\*Answer: d. Step-by-step procedures\*\*

12. \*\*Which pattern focuses on generating diverse and creative content in language models?\*\*

a. Tail Generation Pattern

b. Semantic Filter Pattern

c. Recipe Pattern

d. Meta Language Creation Pattern

\*\*Answer: a. Tail Generation Pattern\*\*

13. \*\*The Semantic Filter Pattern is primarily employed for:\*\*

a. Improving language model comprehension

b. Enhancing prompt patterns

c. Filtering irrelevant information

d. Streamlining game interactions

\*\*Answer: c. Filtering irrelevant information\*\*

14. \*\*What is the primary purpose of the Expansion Patterns in computing?\*\*

a. Expand computational capabilities

b. Increase model complexity

c. Enhance user engagement

d. Optimize prompt generation

\*\*Answer: a. Expand computational capabilities\*\*

15. \*\*The primary focus of the Large Language Models is on:\*\*

a. Minimizing computational errors

b. Achieving reliable results and performance

c. Streamlining audience interactions

d. Enhancing prompt simplicity

\*\*Answer: b. Achieving reliable results and performance\*\*