**INT426 (Gen AI)**

**Section: CA-2 Set 4 Roll No:**

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

Choose the correct answer and write in the cell given below, negative marking of 0.5 each question.

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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** |  | **Q1** |  | **Q24** |  | **Q29** |  |
| **Q5** |  | **Q10** |  | **Q15** |  | **Q20** |  | **Q25** |  | **Q30** |  |

**1. Which of the following is NOT a component of the ACHIEVE framework?**

a) Collaboration

b) Human-centered design

c) Iteration

d) Exponential growth

**2. In the context of prompt tuning, what does the term "refinement" refer to?**

a) Increasing the complexity of prompts

b) Adjusting prompts to improve effectiveness

c) Reducing the number of prompts used

d) Ignoring user feedback on prompts

**3. The cognitive verifier pattern aims to:**

a) Confirm the user's identity through prompts

b) Validate the accuracy of computational results

c) Assess the cognitive load imposed by prompts

d) Filter out irrelevant prompts

**4. What is the primary purpose of the audience persona pattern?**

a) Tailoring prompts to specific user demographics

b) Analyzing user-generated content

c) Identifying trending topics

d) Creating diverse prompts for general audiences

**5. The flipped interaction pattern emphasizes:**

a) Reversing the order of user inputs

b) Using physical gestures for interaction

c) Engaging users through unexpected interactions

d) Providing visual cues for prompt comprehension

**6. The Game Play Pattern is most closely associated with:**

a) Developing video games

b) Optimizing computational algorithms

c) Analyzing user behavior patterns

d) Creating educational content

**7. Which pattern involves the creation of predefined prompts for common tasks?**

a) Template Pattern

b) Meta Language Creation Pattern

c) Recipe Pattern

d) Expansion patterns

**8. The primary objective of the Menu Action Patterns is to:**

a) Provide users with a list of predefined actions

b) Tailor prompts based on user preferences

c) Analyze user engagement metrics

d) Generate random prompts for creativity

**9. Which pattern emphasizes the importance of structured content generation?**

a) Tail Generation Pattern

b) Check List Pattern

c) Semantic Filter Pattern

d) Alternate approaches pattern

**10. The Meta Language Creation Pattern focuses on:**

a) Adapting language to different cultural contexts

b) Defining a language framework for communication

c) Generating language models using machine learning

d) Translating prompts into multiple languages

**11. The Recipe Pattern primarily involves:**

a) Generating algorithmic solutions to problems

b) Structuring prompts in a step-by-step format

c) Creating random variations of prompts

d) Integrating prompts with multimedia elements

**12. What is the main purpose of the Expansion patterns?**

a) Increasing the number of prompts available

b) Expanding the user interface for better interaction

c) Exploring new computational techniques

d) Enhancing user engagement through prompts

**13. The Alternate approaches pattern encourages:**

a) Divergent thinking and exploring multiple solutions

b) Sticking to traditional problem-solving methods

c) Using only one approach to prompt generation

d) Avoiding experimentation with prompts

**14. Combining Patterns involves:**

a) Creating hybrid prompts from different patterns

b) Eliminating redundancy in prompt structures

c) Restricting the use of certain patterns

d) Standardizing prompt formats across patterns

**15. What is the main objective of the Semantic Filter Pattern?**

a) Organizing prompts based on user preferences

b) Filtering prompts based on semantic meaning

c) Implementing complex algorithms for prompt generation

d) Identifying grammatical errors in prompts