**Q1: Which of the following best describes the purpose of an Intents object in discord.py?**

A) It defines the bot’s command structure and prefixes for processing user inputs

B) It controls which events the bot receives from Discord to optimize performance and security

C) It manages user authentication and permissions within a Discord server

D) It handles the storage and retrieval of bot-related data using an external database

**Q2: What is the main advantage of Flask over Django in terms of Web development in Python?**

A) It has minimal setup requirements and easy to learn comparing with Django

B) Offers user login authentication system

C) Compatible with common Web development technologies like HTML

D) It is more flexible than Django for dynamic and multi-page web development

**Q3: Which of the following is a key advantage of using Python for AI development?**

A) Python’s built-in AI capabilities eliminate the need for external libraries or frameworks

B) Python offers extensive AI and machine learning libraries, a simple syntax, and strong community support, making development more efficient

C) Python is the only programming language capable of implementing AI models due to its exclusive AI-focused features.

D) Python’s execution speed is significantly faster than C++ and Java, making it the best choice for high-performance AI applications.

**Q4: Which of the following is a crucial decision criterion when selecting a computer vision model for an AI application?**

A) Programming Language Used – Prioritizing models developed exclusively in Python over other languages

B) Random Model Selection – Choosing any pre-trained model without considering dataset relevance or deployment constraints

C) Ignoring Hardware Limitations – Developing a model without considering GPU/CPU capabilities or memory constraints

D) Accuracy vs. Speed Trade-off – Balancing model precision with real-time processing requirements based on application needs

**Q5: Which of the following tasks cannot be performed directly with the NLTK library in Python?**

A) Tokenizing text into words or sentences

B) Performing part-of-speech tagging and named entity recognition

C) Performing sentiment analysis using pre-trained models

D) Building and training custom machine learning models for text classification