Flashcard Evaluation Plan

I'm creating flashcards from relevant chapters of my Probability textbook to test how well the generated flashcards cover key concepts. To evaluate this, I'll compare the resulting flashcards to a predefined list of topics that I expect to be included. These topics represent essential concepts in probability and are listed below:

1. Conditional Probability
2. Bayes' Theorem
3. Law of Total Probability
4. Independent Events
5. Mutually Exclusive Events
6. Mutual Independence
7. Augmented Experiment
8. Multiplication Rule for Probabilities
9. Conditional Independence
10. Partitions of a Sample Space
11. Sample Space
12. Events and Outcomes
13. Disjoint Events
14. Uniform Probability Model
15. Random Variables
16. Expected Value
17. Joint Probability
18. Marginal Probability
19. Probability Trees
20. Law of Large Numbers

The goal is to see if the generated flashcards encompass these topics and identify gaps for improvement.