1. What is prior probability? Give an example.

2. What is posterior probability? Give an example.

3. What is likelihood probability? Give an example.

4. What is Naïve Bayes classifier? Why is it named so?

5. What is optimal Bayes classifier?

6. Write any two features of Bayesian learning methods.

7. Define the concept of consistent learners.

8. Write any two strengths of Bayes classifier.

9. Write any two weaknesses of Bayes classifier.

10. Explain how Naïve Bayes classifier is used for

1. Text classification

2. Spam filtering

3. Market sentiment analysis