**Practice question on Chapter 1, 2 & 3**

**Chapter 1:**

1. Types of Computer-Based Information Systems
2. What is Information System?
3. Types of Organizational Information Systems
4. Impact of IT in Organisation
5. Describe the importance of Information System to society.
6. Can the terms data, information, and knowledge have different meanings for different people? Support your answer.
7. Describe Porter’s value chain model. Differentiate between Porter’s competitive forces model and his value chain model.

**Chapter 2:**

1. Discuss ways that common challenges in managing data can be addressed using data governance.
2. Define Big Data and its basic characteristics.
3. Describe the benefits and challenges of implementing knowledge management systems in organizations
4. Describe how companies can use Big Data to gain competitive advantage.
5. Describe the characteristics of a data warehouse.
6. Phases and process of decision making.
7. Describe the knowledge management system cycle.
8. Differentiate among descriptive analytics, predictive analytics, and prescriptive analytics.
9. Describe each of the various analytics tools and examples of their uses.
10. Explain each phase of the business analytics process..
11. Tools of Business Analytics.

**Chapter 3:**

1. Major ethical standards.
2. Steps in ethical framework.
3. Categories of ethical issues.