**Class 10 chapter 2**

**Elementary Concept Of Objects and Classes**

**A. Tick (✓) the correct answer.**

1. If Animal is a class, then which of the following can be the object of the Animal class?
   * **d. All of these (✓)**
2. Which of the following can be defined as a user-defined data type?
   * **a. Class (✓)**
3. Which of the following keywords are used to define a class?
   * **a. class** (✓)
4. Which of the following is the correct way to create an object of the class "Smartphone"?
   * b. Smartphone obj = new Smartphone(); (✓)
5. Which of the following represents the constructor of the ABC class?
   * a. ABC() (✓)

**B. Short Answer Type Questions.**

1. **What is a class?**
   * A **class** is a blueprint or template for creating objects. It defines the attributes (variables) and behaviors (methods) that the objects of the class will have.
2. **What is an object?**
   * An **object** is an instance of a class. It represents a real-world entity and has attributes (data) and behaviors (methods) as defined in its class.
3. **What is the process of creating instances of a class called?**
   * The process of creating instances of a class is called **instantiation**. It is done using the new keyword in Java.