

Long Answer Questions:

1. Explain the activity performed to understand whether matter is continuous or particulate. Describe the steps and the observations made.
2. How did the activity involving potassium permanganate help us understand the size of particles of matter? Describe the procedure and results.
3. Discuss the activity involving an incense stick. What did it demonstrate about the movement of particles of matter?
4. Describe the activity involving ink and honey in water. What did the different rates of spreading tell us about the movement of particles in different substances?
5. Explain the concept of matter being made up of particles. How do the activities mentioned in the chapter support this concept?