Unit 11 - Week 9
Assignment 9

Due on 2019-10-12, 23:48 IST.

Week 11: 9 October 2019

1. Define the term “solute” and explain its significance in a solution.
2. Distinguish between a normal solution and a saturated solution.
3. What is the relationship between the concentration of a solution and its solubility?
4. Explain the process of osmosis and its importance in biological systems.
5. How does the freezing point of a solution change with the addition of a solute?
6. Describe the colligative properties of solutions and their applications.
7. Can you provide an example of a colligative property and its significance in everyday life?
8. Discuss the concept of colligative properties and their importance in the study of solutions.
9. What are the factors that affect the colligative properties of a solution?
10. Explain the phenomenon of osmosis and its significance in biological systems.

Week 12: 16 October 2019

1. Define the term “solute” and explain its significance in a solution.
2. Distinguish between a normal solution and a saturated solution.
3. What is the relationship between the concentration of a solution and its solubility?
4. Explain the process of osmosis and its importance in biological systems.
5. How does the freezing point of a solution change with the addition of a solute?
6. Describe the colligative properties of solutions and their applications.
7. Can you provide an example of a colligative property and its significance in everyday life?
8. Discuss the concept of colligative properties and their importance in the study of solutions.
9. What are the factors that affect the colligative properties of a solution?
10. Explain the phenomenon of osmosis and its significance in biological systems.

Week 13: 23 October 2019

1. Define the term “solute” and explain its significance in a solution.
2. Distinguish between a normal solution and a saturated solution.
3. What is the relationship between the concentration of a solution and its solubility?
4. Explain the process of osmosis and its importance in biological systems.
5. How does the freezing point of a solution change with the addition of a solute?
6. Describe the colligative properties of solutions and their applications.
7. Can you provide an example of a colligative property and its significance in everyday life?
8. Discuss the concept of colligative properties and their importance in the study of solutions.
9. What are the factors that affect the colligative properties of a solution?
10. Explain the phenomenon of osmosis and its significance in biological systems.

Week 14: 30 October 2019

1. Define the term “solute” and explain its significance in a solution.
2. Distinguish between a normal solution and a saturated solution.
3. What is the relationship between the concentration of a solution and its solubility?
4. Explain the process of osmosis and its importance in biological systems.
5. How does the freezing point of a solution change with the addition of a solute?
6. Describe the colligative properties of solutions and their applications.
7. Can you provide an example of a colligative property and its significance in everyday life?
8. Discuss the concept of colligative properties and their importance in the study of solutions.
9. What are the factors that affect the colligative properties of a solution?
10. Explain the phenomenon of osmosis and its significance in biological systems.