Assignment 11
The due date for submitting this assignment has passed.
All of your marks you have not submitted this assignment.

1. In a single stage extraction process, the oil from the mess is separated by
   - Distillation
   - Emulsification
   - Membrane separation
   - None of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: Distillation
     - B: Emulsification

2. Supercritical fluid extraction technique is suitable for extraction of
   - Protein
   - Carbohydrate
   - Enzyme
   - None of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: Protein

3. Statement 1: During leaching, the particle with the number size distribution will give higher extraction rate.
   [ ] True
   [ ] False
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: True

4. Separation of liquids from solids by the application of pressure is known as
   - Leaching
   - Filtration
   - Evaporation
   - None of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: Leaching

5. Which of the following is a major component of SBT?
   - Maintaining temperature of order 100 °C
   - Chemically reacting in solution with or without contacting the solids
   - Maintenance of high pressure
   - None of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: Maintaining temperature of order 100 °C

6. Statement 1: In leaching, an undesirable component is removed from a solid with water. The process is called
   [ ] Neutralizing
   [ ] Dissolving
   [ ] Concentrating
   [ ] None of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: Dissolving

7. Statement 1: In counter-current extraction, extraction is extracted from a single stage.
   [ ] True
   [ ] False
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: True

8. Rate of extraction or leaching is affected by
   - Solubility of the solute
   - Diffusivity of the solution to the solid matrix
   - Temperature of extraction
   - All of the above
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: All of the above

9. Statement 1: A high argued toxic material is also used as a reference point method is used to calculate the ideal number of stages for extraction.
   [ ] True
   [ ] False
   [ ] No, the answer is incorrect. Points: 1
   [ ] Accepted Answers:
     - A: True

10. Statement 1: A counter-current extraction, extraction is extracted from a single stage.
    [ ] True
    [ ] False
    [ ] No, the answer is incorrect. Points: 1
    [ ] Accepted Answers:
      - A: False