Assignment 05-BIOMEMS

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1. Which technique separates charged particles using electric field?
   - Hydraphoresis
   - Electrophoresis
   - Protein synthesis
   - Protein denaturation

2. The answer is incorrect.
   Score: 0
   Accepted Answers:
   - Electrophoresis
   - Hydraphoresis
   - Protein synthesis
   - Protein denaturation

3. The protein of migration of ions in electric field depends upon:
   - Shape and size of molecules
   - Magnitude of charge and size of molecules
   - Magnitude of charge and mass of molecules
   - Magnitude of charge and mass of cell

4. The answer is incorrect.
   Score: 0
   Accepted Answers:
   - Magnitude of charge and size of molecules
   - Shape and size of molecules
   - Magnitude of charge and mass of molecules
   - Magnitude of charge and mass of cell

5. What does the electrophoresis apparatus consist of?
   - Gas, buffer chamber and the pack
   - Buffer chamber and electrophoresis unit
   - Electrophoresis cell and gel separator
   - Power pack and electrophoresis unit

6. The answer is incorrect.
   Score: 0
   Accepted Answers:
   - Power pack and electrophoresis unit
   - Buffer chamber and electrophoresis unit
   - Electrophoresis cell and gel separator
   - Gas, buffer chamber and the pack

7. Electrophoresis cannot be used to separate:
   - DNA
   - RNA
   - Proteins
   - Cells

8. The answer is incorrect.
   Score: 0
   Accepted Answers:
   - Cells
   - Proteins
   - DNA
   - RNA

9. Which of the following factors does not influence electrophoretic mobility?
   - Molecular weight
   - Shape of molecule
   - Size of molecule
   - Molecular density

10. The answer is incorrect.
    Score: 0
    Accepted Answers:
    - Molecular density
    - Size of molecule
    - Shape of molecule
    - Molecular weight

11. When is electrophoresis not used?
    - Separation of proteins
    - Reproduction of entire units
    - Separation of gels
    - Separation of similar bands

12. The answer is incorrect.
    Score: 0
    Accepted Answers:
    - Separation of gels
    - Reproduction of entire units
    - Separation of similar bands
    - Separation of proteins

13. Owing DNA by shape of molecule
    - Owing DNA by shape of molecule
    - Owing DNA by shape of molecule
    - Owing DNA by shape of molecule
    - Owing DNA by shape of molecule