Assignment 6

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Due on 2021-03-03, 23:59 IST.

1. Which of the following sequence of events occur during the cell-surface interactions? a. Surface-Cells b. Surface-Water c. Surface-Protein
   - a → b → c
   - b → a → c
   - c → b → a
   - Occur randomly
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a → b → c

2. Fibers are degraded by
   - Filminogen
   - Thrombin
   - Protease
   - Immunoglobulins
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Thrombin

3. Which of the following are involved in cell adhesion?
   - Focal adhesion
   - Extracellular matrix contact
   - Closed adhesion
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: All of these

4. Which of the following does not belong to the class of cell adhesion molecules?
   - Cadherins
   - Albinin
   - Immunoglobulin-9
   - Microcyclic molecules
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Albinin

5. The most common amino acid sequence-RGD binds to which cell adhesion molecule?
   - Cadherins
   - Integrins
   - Selectins
   - Ig superfamily
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Integrins

6. The percentage of cells adhesion over the surface can be estimated by relating the
   - Available surface area for cell adhesion
   - Initial cell number and site for adhesion
   - Plate of cell adhesion
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: All of these

7. Which of the following criteria is not required for the biocompatibility of biomaterials?
   - Crystallinity
   - Laminarity
   - Hemocompatibility
   - Ductility
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Ductility

8. The in vivo analysis of the biomaterials implants involves
   - Histochromic analysis
   - Immuno-histochromic analysis
   - Biochemical analysis
   - All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: All of the above

9. Endocrine factors in the body regulate
   - Cell-cell interactions
   - Cell-implant interactions
   - Cellular immunity
   - Cell proliferation
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Cell-implant Interactions

10. Which of the following biomaterials is not suitable for knee joint replacement implant?
    - Corticals
    - Polymers
    - Metals
    - Composites
    No, the answer is incorrect.
    Score: 0
    Accepted Answers: Scarcities