Assignment 12
Due on 2020-04-20, 23:59 IST.

1. The stereochemical representation of the following polypeptide is, 

   ![Stereochemical representation](image)

   - RRRRR
   - RRRRR
   - RRRRR
   - RRRRR

   Rate: 0/1 point.

   Accepted Answer: RRRRR

2. The stereochemical representation of the following polypeptide is, 

   ![Stereochemical representation](image)

   - RRRRR
   - RRRRR
   - RRRRR
   - RRRRR

   Rate: 0/1 point.

   Accepted Answer: RRRRR

3. The copolymerisation of CO and styrene by [C2H2(C2H2)n]2[P(O)O(O)2]2(H2O)2 units gives, 

   - copolymer with alternate CO and C2H2(C2H2)n units.
   - copolymer with random incorporation of CO and C2H2(C2H2)n units.
   - homopolymer of CO.
   - homopolymer of C2H2(C2H2)n units.

   Rate: 0/1 point.

   Accepted Answer: copolymer with alternate CO and C2H2(C2H2)n units.

4. The initial acid used by Rapoport for the copolymerisation of CO and styrene is, 

   - HCOOH
   - HCOONa
   - K2H[N(C6H5)2]
   - P(O)O(O)2(H2O)2

   Rate: 0/1 point.

   Accepted Answer: K2H[N(C6H5)2]

5. The copolymerisation of CO and styrene by [C2H2(C2H2)n]2[P(O)O(O)2]2(H2O)2 units yields, 

   - copolymerisations of CO and styrene.
   - homo-polymerisation of styrene.
   - homo-polymerisation of CO.
   - double insertion of styrene.

   Rate: 0/1 point.

   Accepted Answer: homo-polymerisation of CO.

6. In vitamin B12, the metal atom of the corrin ring is bound to, 

   - sodium ion
   - phosphorus ion
   - cobalt ion
   - boron ion

   Rate: 0/1 point.

   Accepted Answer: cobalt ion

7. The crystal structure of goethite (B2), determined by, 

   - Linus Pauling
   - Wayne Ballard
   - Dorothy Hodgkin
   - James Watson

   Rate: 0/1 point.

   Accepted Answer: Dorothy Hodgkin

8. An example of an organismalistic compound present in biological systems is, 

   - boron
   - sulfur
   - chlorine
   - nitrogen

   Rate: 0/1 point.

   Accepted Answer: chlorine

9. Methyl Ceresyn M Reducer (MCR) contains, 

   - pyrophosphorylase
   - cinnamate
   - goethite
   - phosphoglycerate

   Rate: 0/1 point.

   Accepted Answer: cinnamate

10. Methyl Ceresyn M Reducer (MCR) contains, 

    - Fe
    - Co
    - Ni
    - Zn

   Rate: 0/1 point.