Assignment 2

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) Cost of setting up a plant in Rs 2000 crores. If we want to get the return on this investment in 5 years, what should be the annual return on investment?

2) If cost of 100 L. instead of Rs 10.00 L. What will be the cost of 500 L. beverage?

3) List down in a list:
   - High value high volume product
   - High value low volume product
   - Low value high volume product
   - Low value low volume product

4) Attraction is based on:
   - Functional qualities
   - Non-functional interaction
   - Molecular weight
   - Similarity

5) A small molecule is used to make 50 grams of benzylamine. A fermentation broth contains 1 kg of benzyamine. How much brothe is needed to make 50% of the addition?

6) An extract can remove 90% of the desired protein with 1000 litres of elution. If I add one more elution and another 1000 litres of elution, what will be the overall recovery of the protein?

7) A problem has 50% of the answer in the second mbse and 50% of the answer in the third mbse. Assume linear relationship between extraction efficiency and quantity of sample added.

8) When a cell is broken in a homogenizer, protein A, followed by B and finally C get released. If the release process is a first order process then the release constant for A is:
   - kA = B + C
   - kA = B + C
   - kA = A + C

9) If a cell undergoes the rise of the protein released is a function of pressure. If the rate of rise is to be determined what should be the increase in pressure (in many areas)?

10) What is the answer in incorrect?
    - A
    - D
    - C
    - B

11) The answer is incorrect.

Due on 2018-08-21, 23:59 IST.