



Class :-10<sup>th</sup>

Sub:- Science-II

Name of Student :-

Marks :- 25

Time:-1.30hr

**Q1. M=3**

**A. Name of the following.**

- i) Microbial enzymes
- ii) Biofertilizers
- iii) Types of Cheese

**B. Find out the correlation M=2**

- i) Insulin : Diabetes :: Interleukin : \_\_\_\_\_
- ii) Coffee: Coffea arabica :: Cocoa : \_\_\_\_\_

**C. Fill in the blanks M=3**

- i) \_\_\_\_\_ gas is considered to be the fuel of future.  
a)Hydrogen b) Nitrogen c)Methane d) Butane
- ii) \_\_\_\_\_ is a powerful antibiotic against tuberculosis.  
a)Streptomycin b) Tetracycline c) Ritemycin d) Bacitracin
- iii) The property at stem cell is called-\_\_\_\_\_  
a)Diversity b) Equality c)Differentiation d) Pluripotency

**Q.2. Answer the following questions. (Any-3) M=6**

- i) Microbial enzymes are said to be eco-friendly. Give season.
- ii) Write short note on: Green revolution.
- iii) Enlist the uses of stem cells.
- iv) Define: a) Probiotics b) Antibiotic

**Q.3. Answer the following questions. (Any-2) M=6**

- i) Write a short note on: Production of cheese.
- ii) Write the uses of biotechnology in various fields.
- iii) Give the benefits of microbial inoculants.

**Q-4. Answer the following question. (Any-1)**

**M=5**

- i) "Biotechnology is not only beneficial but it has same harmful effects too". Express your opinion about this statement.
- ii) What is clean technology? Why is it essential to ban plastic bags?

Vidyaniketan Classes