



Shree H.N. Shukla College of Science Rajkot
B.Sc. (Sem. II) (CBCS)

[MB-201]: BASICS OF BIOCHEMISTRY AND MICROBIAL
CONTROL
Microbiology Unit Test Paper-2

[Time: 1:00 Hours]

[Total Marks: 30]

Date: 03/06 / 2021

- Instructions:**
1. all questions are compulsory.
 2. The right side figure indicates total marks of the question.
 3. Draw the figure wherever necessary.
 4. Write answers of all the questions in main answer sheets.

Question-1

[A] Objective type questions (5 question) [05]

1. Define Enzyme.
2. Enzyme is made up of _____ molecules.
3. What is cofactor?
4. Who discover the word Enzyme?
5. Apoenzyme + coenzyme is known as_____.

[B] Answer in brief. Write any[two out of three] [04]

1. Define active site and coenzyme.
2. Give the full form of IUPAC and IUBMB.
3. Define denaturation and its effect on enzyme.

[C] Answer in detail. Write any [two out of three] [06]

1. How many class of enzymes? Give name of each class..
2. Examples of 3 enzyme with E.C. name.
3. Explain lock and key theory.

[D] Answer in detail. Write any [two out of three] [10]

1. Which are factors affect enzyme activity? Explain any 2 in detail.
2. Write a note on inhibition of enzyme activity.
3. Write a brief note on regulation of enzyme activity.