



ADITYA DEGREE COLLEGES

ANDHRA PRADESH

II SEMESTER - MID -1 EXAMINATIONS

I – B.Sc MICROBIOLOGY MAJOR

INTRODUCTION TO MICROBIOLOGY

Max. Marks : 60

Time :2 Hr

Date:

SECTION – A

I. Answer any FIVE of the following:

5 x 4 = 20 M

1. Edward Jenner
2. Three Kingdom Classification
3. Industrial applications of microbes
4. Discovery of Penicillin
5. Millers Experiment
6. Ignaz Philipp Semmelweis
7. Cyanobacteria
8. Robert Koch

SECTION – B

II. Answer all the following questions:

4 x 10 = 40 M

9. a) Write in detail about contributions of Leeuwenhoek and Louis Pasteur
(or)
b) Write an essay on Charak Samhita and Sushruta Samhita
10. a) Write in detail about Applications of microbiology
(or)
b) Distinguishing features of eukaryotic and prokaryotic cell
11. a) Describe about Whittaker and Carl Woese classification
(or)
b) Write a detailed account on Golden era of microbiology
12. a) Write in detail about Beijerinck and Winogradsky
(or)
b) Write about the Germ theory of disease and refutation of biogenesis

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