



ADITYA DEGREE COLLEGES

ANDHRA PRADESH

II SEMESTER - MID -1 EXAMINATIONS

I – B.Sc MICROBIOLOGY MINOR

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. Winogradsky
2. Three Kingdom Classification
3. Industrial applications of microbes
4. Discovery of Penicillin
5. Millers Experiment
6. Ignaz Philipp Semmelweis
7. Endosymbiosis
8. Discovery of vaccination

SECTION – B

II. Answer all the following questions:

4 x 10 = 40 M

9. a) Write in detail about contributions of Berijerinck and Louis Pasteur
(or)
b) Write about the Germ theory of disease and refutation of abiogenesis
10. a) Write in detail about Applications of microbiology
(or)
b) Distinguishing features of eukaryotic and prokaryotic cell
11. a) Discribe about whittaker and Carl woese classification
(or)
b) Write a detailed account on Golden era of microbiology
12. a) Write in detail about Leeuwenhoekand Edward Jenner
(or)
b) Write an essay on Charak Samhita and Sushruta Samhita

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