

# Assignment-I

CLASS-M.Sc-I(Microbiology)

Max Marks:20

submit Date

SUBJECT-Microbial Diversity

10/11/2016

Paper code-MMB-101

NOTE---- Attempt all the parts of both questions. Each parts contains 5 Marks.

QUES-1 (a) What are current thoughts on microbial evolution in origin of life?.

( b) What do you know about Koch's pastulates.?

QUES-2 (a) Write about on the contribution of Joseph Lister Paul Ehlich & Martinus Beijerinck in microbiology.

(b) Write in details about spontaneous generation theory with controversies.?

## ASSIGNMENT-I

CLASS-M.Sc-I(Microbiology)

SUBJECT-Phycology, Mycology , Virology & Protozoology

Paper Code- MMB -102

Max Marks-20

NOTE- Attempt all the parts of both questions. Each parts contains 5 marks.

QUES-1 (a) write about ultra- structure and organization of a typical eukaryotic Cell.

(b) Write in short outline classification of algae with suitable diagrams.

QUES -2(a) Write about the general characters and somatic structure of microbiologically important genera of algae.

(b) what is fungi .? Describe general characters and its somatic structure of different genera.

## ASSIGNMENT-I

CLASS-M.Sc-I(Microbiology)

Subject-Plant Pathogen Interaction

Paper Code-MMB -103

Max.Marks-20

NOTE- Attempt all the parts of both questions.Each parts contains 5 marks.

QUES NO-1(a). What is Disease.?What are their causal organisms.?

(b)What do you know about pathogenesis and its relationship with environment.

QUES NO-2.(a) Justify that Biochemicals are played a crucial role in diseases.

(b) Write about the disease etiology and control measures.

# ASSIGNMENT-I

CLASS-M.Sc-I(Microbiology)

Subject-Microbial Techniques& Instrumentation

Paper code-MMB- 104

Max marks-20

NOTE- Attempt all parts of both questions.Each parts contains 5 marks.

QUES.NO-1.(a) What do you know the basic principles of microscopy for examining the microbes.

(b) What do you know the Micrometry.explain with one suitable example.

QUES.NO-2. (a) Write about the basic principles and methods of sterilization.

(b)Explain the principles and functioning of LAF.