Assignment-II

CLASS-M.Sc-I (Microbiology) Max Marks:20

Submit Date SUBJECT-Microbial Diversity

20/11/2016 Paper code-MMB-111

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

QUES-1 (a) Write about the general characters and classification of Archae.

(b) Describe the adaptations and role of Archea in evolution of microbial world.

QUES-2 (a) Write about on the classification ultrastructure, reproduction in Cyanobacteria.

(b) Write in details about morphology and anatomy of bacteria.

ASSIGNMENT-II

CLASS-M.Sc-I(Microbiology)

SUBJECT-Phycology,Mycology ,Virology &Protozoology

Paper Code- MMB -112 Max Marks-20

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

QUES-1 (a) Write about the Heterothallism with physiological specialization in fungi.

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(b) What do you know about the parasexual life cycles.

QUES -2(a) Write about the any one protozoan on their structure reproduction of microbiologically important genera..

(b) what is symbiotic association of fungi with algae..

ASSIGNMENT-II

CLASS-M.Sc-I(Microbiology)

Subject-Plant Pathogen Interaction

Paper Code-MMB -113 Max.Marks-20

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

QUES NO-1(a). What do you know about host-pathogen interactions on genetic basis.?

(b)What is resistance.? What is mechanism in plants and its genetic mode.

QUES NO-2.(a) Describe the different types of diseases control in reference to the plants.

(b) Write about the biocontrol disease agents and uses with practical constraints

ASSIGNMENT-II

CLASS-M.Sc-I (Microbiology)

Subject-Microbial Techniques& Instrumentation

Paper code- MMB- 114 Max marks-20

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

QUES.NO-1.(a) What do you know the detailed types of culture media, with basic principles of media preparation.

(b) What is pure culture techniques, and how to maintained it.

QUES.NO-2. (a) What is spectrophotometry and its basic principles with application.

(b)Explain the Chromatography and their types.