ASSIGNMENT-II

Class-B.Sc-V(Microbiology)

Subject-Microbial Diversity:History&Distribution of Microbes.

Paper Code-BSCMB-311 Max-marks-20

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

QUES.NO-1:(a)-How to differentiate that bacteria,algae,fungi &protozoa are separate microorganisms..?

(b) Write about the archaebacteria, eubacteria, blue green algae& actinomyces..

QUES.NO-2 :(a)-Write about the germ theory of diseases.

(b)-Write in detail about the history of chemotherapy..

ASSIGNMENT-II

Class-B.Sc-V(Microbiology)

Subject-Bacteriology

Paper Code-BSCMB-312 Max marks:20

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

QUES. NO-1(a) Describe about the different kinds of staining in bacteria?.

(b)- How will you stain the flagella,.&capsule..?

QUES.NO-2:(a)- Describe the general features of cyanobacteria.

(b)-What do you know actinomycetes and its importances...?

ASSIGNMENT-II

Class-B.Sc.-V(Microbiology)

Subject-Phycology &Mycology

Paper Code-BSCMB-313 Max marks:20

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

QUES.NO:1-(a)-Describe in detail that fungi as food and medicines.

(b)-Justify that as a pathogen and spoilage of food stuff are the fungal harmful activities..

QUES.NO2:(a)-Define the term Lichenology with salient features of this important group.

(b)-Write about the physiological specialization of edible fungi..

ASSIGNMENT-II

Class B.Sc.-V(Microbiology)

Subject-Virology

Paper code-BSCMB-314 Max marks:20

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

QUES:1(a)-Draw the labeled structure of cyanophage and mycophage with general characters..

(b)-Write about the general principles of phage-bacterium interaction .

QUES.NO2(a)-Describe the RNA and DNA phase growth cycle..

(b)-Explain the mode of transmission of virus in plants and animals.

ASSIGNMENT-II

Class-B.Sc-V(Microbiology)

Subject –Microbial Physiology and Metabolism.

Paper code-BSCMB-315 Max marks:20

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

QUES.NO-1(a)-What is Nitrogen fixation in symbiotic and free living system of microbes..

(b)-Write about the pathway of nitrate assimilation in photosynthetic and non-photosynthetic system.

QUES.NO-2(a)-What do you know the history of microbial photosynthesis?

(b)-write about the cyclic and non-cyclic photophosphorylation.?