

Assignment -1

Program Name -B.Sc (Microbiology)

Year/Sem-3rd/5th Sem.

Course Name –Microbial Diversity

Last date of submission-11/9/2017

Course Code – BSCMB-351

Instructions:

1. Write the response to the assignment in your own handwriting.
2. Submit the response to your HOD within the due date.
3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q-1(a). What do understand by spontaneous generation and its controversies.?

(b).Write about the development of microbiology and its branches with scope.

Q-2 (a). Describe about the outlines of system of classification.

(b).What is Binomial nomenclature in reference to microbes.?

Assignment -1

Program Name -B.Sc (Microbiology)

Year/Sem-3rd/5th Sem.

Course Name –Bacteriology

Last date of submission-11/9/2017

Course Code – BSCMB-352

Instructions:

1. Write the response to the assignment in your own handwriting.
2. Submit the response to your HOD within the due date.
3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q-1.(a) Write about the salient features of bacteria and its morphology.

(b).Draw the labelled diagram of Ultrastructure of a typical bacterial cell.

Q-2.(a).Discuss the chemical composition of cell wall of bacteria.

(b). Differentiate between Gram positive and Gram negative bacteria.

Assignment -1

Program Name -B.Sc (Microbiology)

Year/Sem-3rd/5th Sem.

Course Name –Virology

Last date of submission-11/9/2017

Course Code – BSCMB-354

Instructions:

1. Write the response to the assignment in your own handwriting.
2. Submit the response to your HOD within the due date.
3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q-1.(a).Write the general characteristics and morphology of virus.

(b). What do you know about the capsid and capsomeres as an envelops with its arrangements.?

Q-2(a).Discuss about the viral genomes and its distinctive properties.

(b).Explain the general characteristics of viroides with its morphology.

Assignment -1

Program Name -B.Sc (Microbiology)

Year/Sem-3rd/5th Sem.

Course Name –Phycology and Mycology

Last date of submission-

11/9/2017

Course Code – BSCMB-353

Instructions:

1. Write the response to the assignment in your own handwriting.
2. Submit the response to your HOD within the due date.
3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q-1.(a).Define the term fungi., write about the general characteristics of fungi.

(b).What is the thallus organisation in fungi?

Q-2.(a).Describe about the advantage and disadvantages in fungi.

(b).Illustrate the outline classification of fungi by Ainsworth.

Assignment -1

Program Name -B.Sc. (Microbiology)

Year/Sem-3rd/5th Sem.

Course Name – Microbial Physiology &Metabolism

Last date of submission-11/9/2017

Course Code – BSCMB-355

Instructions:

1. Write the response to the assignment in your own handwriting.
2. Submit the response to your HOD within the due date.
3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q-1(a). Discuss about the metabolic activity in microbes.

(b) Define the term diffusion in respective of active and passive mode.

Q-2.(a). What do you know about the translocation of Nutrients.?

(b).What is growth define it in balanced and unbalanced forms.