



ASSIGNMENT-2

Programm- M.Sc. Life Science

Subject Code- MSLS-111

Course name - Biochemistry & Metabolism

Year- 1st year/1st sem

Last date of Submission-23/10/2017

Instruction

- 1) Write the responses to the assignment in your own handwriting.
- 2) Submit the responses to your HOD within the due date.
- 3) Write your name, program and Enrollment nu clearly at the top of the page.

Q1A. Describe in brief, metabolism of carbohydrate.

Q1B. Discuss the metabolism of amino acid.

Q2 A. Describe in brief, metabolism of lipids.

Q2B. Explain, the enzyme regulation.



ASSIGNMENT-2

Program- M.Sc. Life Science

SubjectCode- MSLS-112

Course Name-Cell & Molecular Biology

Year- 1st year/1stsem

Last date of Submission-23/10/2017

Instruction

- 1)Write the responses to the assignment in your own handwriting.
- 2)Submit the responses to your HOD within the due date.
- 3)Write your name, program and Enrollment nu clearly at the top of the page.

Q.1 (a): What is Cell? Describe in details .

(b) Deference between eukaryotic and prokaryotic cell.

Q.2 (a): Draw a well labeled diagram of a bacterial cell.

(b). Draw a well labeled diagram of a prokaryotic plant cell.



ASSIGNMENT-2

Program- M.Sc. Life Science

Subject Code- **MSLS-113**

Course name-Genetics

Year- 1st year/1st sem

Last date of Submission-23/10/2017

Instruction

- 1) Write the responses to the assignment in your own handwriting.
- 2) Submit the responses to your HOD within the due date.
- 3) Write your name, program and Enrollment nu clearly at the top of the page.

- Q. 1 (a) As you are familiar with the term mutation , explain the major causes of gene mutation and point mutation.
- (b) What are the differences between structural changes and numerical changes in chromosomes ? Explain with suitable examples.
- Q. 2 (a) As we are familiar with term apoptosis. Explain the phenomenon behind it.
- (b) What do you mean by genetic syndrome? Explain in brief.



ASSIGNMENT-2

Program- M.Sc. Life Science

Subject Code- MSLS-114

Course name-Microbiology

Year- 1st year/1st sem

Last date of Submission-23/10/2017

Instruction

1)Write the responses to the assignment in your own handwriting.

2)Submit the responses to your HOD within the due date.

3)Write your name, program and Enrollment nu clearly at the top of the page.

Q-1.(a)-What do you know about growth?.How will you express mathematically in microbes?

(b)-Write about the principles of microbial ecology.

Q-2.(a)-Describe about the microbial metabolism.

(b)-Discuss about the decomposition of organic matter by microorganisms.



ASSIGNMENT-2

Programm- M.Sc (Life Science)

Subject **Code-** MCA-114-4

Sub- COMPUTER FUNDAMENTAL AND ITS APPLICATIONS

Year- 1st year/1stsem

Last date of Submission-23/10/2017

Instruction

- 1) Write the responses to the assignment in your own handwriting.
- 2) Submit the responses to your HOD within the due date.
- 3) Write your name, program and Enrollment nu clearly at the top of the page.

Q.1

a) Discuss the characteristics of computer?

b) As we discussed about computer in details. So, explain the types of computer with the help of an example it will help you to learn more.

Q.2

a) What do you understand by term computer generation? Explain the types of computer generation in detail.

b) As we know that software and hardware is the important component of computer. So, explain about hardware and software in detail.



ASSIGNMENT-2

Programm- M.Sc (Life Science)

Subject Code- PHEY -115

Sub- Fundamental of Renewable Energy Technologies,

Year- 1st year/1stsem

Last date of Submission-23/10/2017

Instruction

- 1)Write the responses to the assignment in your own handwriting.
- 2)Submit the responses to your HOD within the due date.
- 3)Write your name, program and Enrollment nu clearly at the top of the page.

Question 1

- (a) Describe the various renewable resources that have the potential to fulfill the needs of the society.
- (b) What is Manitoba Biomass Energy Support Program (MBESP)?

Question 2

- a) Describe the basic principles of solar energy.
- b) Write objectives of solar water heaters. Discuss advantages and disadvantages of solar water heaters.