

**Course: B.SC (BIOSCIENCE) FIRST SEM**

**Submission Date: 10 November 2016**

**SUB - EVOLUTION**

**Instructions:**

- 1. Write the responses to the assignment in your own handwriting.**
- 2. Submit the responses to your HOD with in the due date.**
- 3. Write your name ,programme and enrollment number clearly at the top of the Pages**

**ASSIGNMENT –2**

Q1A. Discuss Darwin theory of natural selection in the light of recent studies.

Q1B. Write an essay on new Darwinism.

Q2A. Describe the germ plasm theory of Weismann.

Q2B. Write an essay on mutation theory.

**Sub: Basics of computer Applications**

**Classes: B.Sc-Microbiology**

**Assignment-II**

Assignment No: 02

Due Date of Submission: 10 Nov. 2016

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Question: 01

a) Explain the introduction of MS-Excel and write the advance features of MS-Excel- pivot table & pivot Chart?

b) Explain the MS-Power Point with Example?

Q.2.

a) Find the Arithmetic Mean of the marks obtained by 10 students of class in mathematics in a Certain examination. The marks obtained are.  
25,30,21,55,47,10,15,17,45,35.

b) Calculate the Mode from the following frequency distribution:

Size (x)	4	5	6	7	8	9	10	11	12	13
Frequency(f)	2	5	8	9	12	14	14	15	11	13

## ASSIGNMENT-II

### B.Sc-Ist.MICROBIOLOGY Sem-2016

Subject- -CELL BIOLOGY

PAPER CODE-BSCMB-112

QUES NO-1-(a):Write in detailed about the structure and function of plasma membrane of a cell.

(b):-Explain that Mitochondria is a battery of the cell..

QUES.NO-2-(a) what are the locomotory organs of the cell.

(b):-what are the differences in Nucleus and Nucleolus.

**COURSE: - BSCMB114 ELEMENTARY MATHEMATICS**

*Assignment No-2*

*Date of submission:-*

Instructions

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- b) Submit the response to your HoD within the due date.
- c) Write your name, Programme and Enrolment No. clearly at the top of the page.

Q.1

a) If  $A = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$  and  $B = \begin{bmatrix} 3 & 7 \\ 4 & 1 \end{bmatrix}$  Then prove that  $(AB)^T = B^T A^T$

b) Solve the linear equations by Cramer's Rule

$$\begin{aligned}x + 2y + 3z &= 6, \\2x + 4y + z &= 7, \\2x + 2y + 9z &= 14\end{aligned}$$

Q.2

- a) ] Find the total number of terms in series  $-4, 7, 10, \dots, 148$
- b) Find the vale of  $5+55+555+\dots$  upto n terms



## ASSIGNMENT-2

Course- B.Sc(Micro)

Sub-Engg. Elementry Chemistry

Last date of Submission-06/11/2016

Sub code-

Year-1<sup>st</sup> year/1<sup>st</sup> sem

## **Instruction**

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### **Q1.**

- a) Define the term Chemical equilibrium and explain.
- b) Explain Le chatelier's principle.

### **Q2.**

- a) What is pH. Explain acid base concept .
- b) What is thermodynamics. Explain first law of thermodynamics.