ASSIGNMENT-2

Programme- M.Sc Chemistry CODE-MC-111

Course Name-Inorganic Chemistry 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.

Q1.

a) Give stepwise and overall stability constant of metal ion complex.

b) Give the factors affecting stability constant of complex.

Q2.

a) The colour of metal complex is due to transition electron in d- orbital, explain.
b) Explain inert & labile complex in detail.

ASSIGNMENT-2

Programme- M.Sc Chemistry **Code- MC-112**

Course-Organic Chemistry **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.

Q1.

a) Explain the Hackle rule.

b) Explain the energy level of n-molecular orbital level digram.

Q2.

a)Define and draw diagram of annulenes.

b)Explain the crown ether complex in detail.

ASSIGNMENT-2

Programme- M.Sc Chemistry **Code- MC-113**

Sub-Physical Chemistry **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.

Q1.

a) Define the hydrogen atom with help of Schrodinger wave equation.

b) Explain the variation theorem in approximate method.

Q2.

a) Define & discuss the perturbation theory of first order.

b) What is linear variation principal in approximate method.

ASSIGNMENT-2

Programme- M.Sc Chemsitry 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 disused 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

Programme- M.Sc Chemistry 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.