



## **ASSIGNMENT-2**

**Course-** B.Sc PCM/ ZBC/ B.Sc(H)

**Sub code-** BSCCH-111

**Sub-**Inorganic Chemistry

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

**Last date of Submission-**10/11/2016

### **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 diagonal relationship of s- block elements.
- b) What is Borohydrides. Give salient features of hydrides.

### **Q2.**

- a) Explain structures of Boranes.
- b) Explain the chemical properties of Noble gas. Discuss structure of Xenon compounds (any one).



## **ASSIGNMENT-2**

**Course-** B.Sc(PCM)/(ZBC) / B.Sc (Hons)

**Sub code-BSCCH-112**

**Sub-Physical Chemistry**

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

**Last date of Submission-10/11/2016**

### **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 Boyles and Charles law with example.
- b) Define & Discuss the Kinetic Theory of gases .

Q2.

- a) Define Bragg equation with diagram.
- b) Explain the classification of Colloids.



## **ASSIGNMENT-2**

**Course-** B.Sc(H)

**Sub code-**BSCCH-113

**Sub-**Professional Communication

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

**Last date of Submission-**10/11/2016

### **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) Write the differences between Listening and Hearing. How many type of listening have you studied? Describe them.
- (b) Describe 'one way communication'? Write a note on one way and two way communication.

### **Q.2**

- (a) Define-
  1. One-to-One conversation.
  2. Skills of presentation.
- (b) Explain-
  1. Group discussion.
  2. Interview Techniques.



## **ASSIGNMENT-2**

**Course-** B.Sc(H)

**Sub code-**BSCCH-114

**Sub-**Physics

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

**Last date of Submission-**10/11/2016

### **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 conservation of linear momentum, angular momentum with suitable examples.
- (b) Using Lissajous figures show how two simple harmonic motions are superimposed on each other .

### **Q. 2**

- (a) Explain necessity of group velocity and phase velocity.
- (b) Define and classify polarization with neat and clean diagram.