



MONAD UNIVERSITY HAPUR (UP)

Programme: B.Sc.

Semester: I

Course: MTH-111 Algebra and Trigonometry

Assignment No: II

Due date of submission: 23.10.2017

Instructions:

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, Programme, and Enrolment No. clearly at the top of the page.

Q.1

- (a) Show that the set I of all integers $\dots, -4, -3, -2, -1, 0, 1, 2, 3, 4, \dots$ is a group with respect to the operation of addition of integers.
- (b) State and prove Lagrange's theorem.

Q2.

- (a) Show that every finite group G is isomorphic to a permutation group.
- (b) Prove that the normalizer $N(a)$ of $a \in G$ is a subgroup of G .

Course: phy-111 Electronics Physics

Assignment: 2

Due date of submission: 23/10/2017

Instructions:

1. Write the response to the assignment in your own handwritings.
2. Submit the response to your H.O.D. within the due date.
3. Write your name, program and enrollment no. clearly at the top of the page.

Q1 (a). Draw a neat Diagram of C.R.T (Cathode Ray Tube). Describe its various parts and explain its working.

Q1 (b). Explain Barkhausen criterion for oscillations.

Q2 (a). You are aware of Transistor. Show the transistor works as amplifier.

Q2 (b). Explain self-inductance, mutual induction & power factor.



Department of Chemistry

ASSIGNMENT-2

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

Sub code-CHE-111

Sub-Inorganic Chemistry-1

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)Explainthe concept and properties of Periodic table.
- b)How modern periodic table is easy and suitable means to determine the properties of elements .

Q2.

- a) Explain postulates of VBT.
- b)VSEPR Theory is used to determine the geometrical shape of molecules, Explain with postulates.



Department of Chemistry

ASSIGNMENT-2

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

Sub code-CHE-112

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)Explain liquification of gases.
- b) All solid did not show the property of liquid crystal, define and explain the concept of liquid crystal.

Q2.

- a) Explain Thermography in detail with phase diagram. .
- b)Explain the crystalline structure of graphite and diamond.

Course: Basics of Computer Applications (BCA-113)

Assignment No: 2

Due date of submission: 23.10.2017

Instructions:

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 ,Programme and enrollment number clearly at the top of the Pages

Q.1

- a) As you know that the concept of input and output. So, write ten- ten name of input and output devices.
- 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 Number: 2

Course code: BBA-111

Class: BSc(PCM)- Ist SEM

Title-Organizational Behaviour

Last Date for Submission: 23rd October, 2017

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.

Write your Name, Programme, and Enrolment No. clearly at the top of the page

Question:-1

- a) Define the term Group. Why do people work in Group?
- b) What are the various types of formal and informal groups?

Question:-2

- a) Distinguish between Team and Group. How is an effective team developed?
- b) What do you understand by organizational Climate?