



ASSIGNMENT-2

Programme- M.Sc Chemistry

Subject Code-MC-211

Course name- Analytical chemistry

Year- IInd year/IIIrd 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.

Q1.

- a) What is an error? Give the method of mean and median.
- b) What is standard deviation? Give the suitable example.

Q2.

- a) Give the basics method of food analysis.
- b) Give the definition moisture contain? Give the method of moisture contain.



ASSIGNMENT-2

Programme- M.Sc Chemistry

Subject Code-MC-212

Course name-Polymer Chemistry

Year- IInd year/IIIrd 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.

Q1.

- a) Give the average molecular weight in polydispersion.
- b) Give the spectroscopic method of polymer analysis.

Q2.

- c) What is viscosity light scattering? Give the method and draw structure of viscosity light scattering
- d) Explain different physical testing method in polymer.



ASSIGNMENT-2

Programme- M.Sc Chemistry

Subject Code-MC-213

Course Name- Spectroscopy

Year- IInd year/IIIrd 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.

Q1.

- a) What is principal of UV spectroscopy. Give the instrumentation method of UV spectroscopy.
- b) What is principal of IR spectroscopy. Give the instrumentation method of UV spectroscopy.

Q2.

- e) What is molecular vibrational. Give the suitable diagram of bending and stretching.
- f) Give the range of Infra-red spectroscopy and UV spectroscopy.



ASSIGNMENT-2

Programme- M.Sc Chemistry .

Subject Code-MC-214

Course Name- Organic Synthesis

Year- IInd year/IIIrd sem

Last date of Submission-23/10/2016

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) What is transition metal? Give the detail of Cu, Pd, Ni, Co.
- b) What is hydrocarbon? Give the oxidative process.

Q2.

- g) Give the oxidation reaction of alcohol.
- h) Give the oxidation of hydrazine's and sulphides.