

DEPARTMENT OF CHEMISTRY

R.C.S. COLLEGE, MANJHAUL



(A CONSTITUENT UNIT OF L.N. MITHILA UNIVERSITY, DARBHANGA)

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Ref. No. ...UG-IV Sem./2025

Date 30/10/2025

Assignment

UG Semester IV 2023-27

MIC -IV semester

(1) What do you mean by the thermodynamics terms Work and Heat

or

Explain standard state and thermodynamical equation.

HOD
30/10/2025

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Ref. No. UG-IV sem / 2023-27

Date ..11/10/2025

Notice

Assignment

MJC Chemistry Session (2023-27)

MJC-5

Topic:- Define atomic radius, covalent radius, van der Waal's radius, metallic radius and ionic radius. Discuss their interrelations

or

Define atomic radius and clearly differentiate between covalent, van der Waal and ionic radii

MJC-6

Topic:- What is Friedel craft reaction? Explain the Friedel craft alkylation and acylation with mechanism

or

Write some important properties of Phenol.

MJC-7

Topic:- Describe phase rule, Thermodynamically what are the applications of conductance measurement?

HOD

[Signature]
11/10/2025