

UG 6th Semester Examination 2022

CHEMISTRY [HONOURS]

Course Code: CHEM-H-DSE-T-3

Full Marks: 10

Answer any five questions

[2×5=10]

1. Write Dulong-Petit's law and its application?
2. Draw Bravais lattices for a cubic system.
3. What will be the minimum distance can be measured by the diffraction study?
4. What is the mint by the statement that h, k and l in the index (h, k, l) tend to zero?
5. Explain Nernst heat theorem?
6. Derive Barometric Distribution Formula.
7. What is the Partition Function and write its signification?