

Sessional exam, 2021
Semester- VI (Major)
Paper- M 604 Inorganic Chemistry

Total marks: 15

Time: 1 hour

1. Emission of which type of radiation leaves both atomic number and mass number unchanged? 1
2. The atomic number decreases by two during what type of radiation? 1
3. Write down the electronic configuration of Gadolinium. 1
4. Discuss oxidation states of lanthanide elements. 3
5. Explain the terms (i) Binding energy and (ii) Mass defect. 2+2
6. Discuss lanthanide contraction giving causes and its consequences. 2+3

N.B.

- Send the pdf copies of your answer scripts to the email id chemngc@gmail.com and also upload in the online portal of the college website under section "assignment".
- Submit your answers scripts on or before 12.30 p.m., saturday, 7th August; stating your name, GU roll number, registration no., semester and paper name.