

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF CHEMISTRY
INTERNAL ASSIGNMENT/PROJECTS/PRESENTATIONS
(Academic Year 2023-24)

Name of the Course : Physical Science Semester : V
Name of the Paper : Chemistry of d-block elements, Quantum Chemistry and Spectroscopy
Faculty Name : Dr. Priyanka Kumari
Duration : 1 Hr Maximum Marks: 10
Date of Test : 28.11.23

General Instructions:

1. Attempt all questions.
2. Write Course Name, Semester, Date of exam, Title of paper, Roll number and your Name on the top of answer sheet.

Questions:

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|---|---------|
| 1. Write the differences between outer and inner orbital complexes. | 3 Marks |
| 2. Write the limitations of VBT | 3 Marks |
| 3. Write short note on Jahn-Teller Distortion and explain it. With examples | 4 Marks |

Faculty Signature:

