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Internal Assessment 2022 RAMANANDA COLLEGE, BISHNUPUR, BANKURA

Subject: Chemistry; Sem-IV (GE) Inorg. Chem. (T-4) UG/CHEM/404/GE-4

Course ID: 41414

FM: 10

Time: 45 Minutes

Answer any two questions:

- Explain the origin of variable valences, colour, and magnetic property of transition metal compounds with the reference of electronic configuration.
- What are the difference between inner and outer orbital complex. Give examples. Draw the structures of all isomers of a compound which exhibit both geometrical and optical isomers.
- 3. Write short notes on; Hofmann degradation and Diazo coupling reaction. 2.5x2
- What do you mean by accuracy and precision of quantitative analysis? Classify
 the types of error in quantitative analysis.

SAUSILYER DEMAN (ACRES EXY)

4. (ARAMIDA OF ARADA SANO SH GRAF)

3. 30 STACK SUMMY SERVICE SANON SON SALASING ON SHAND SANON S