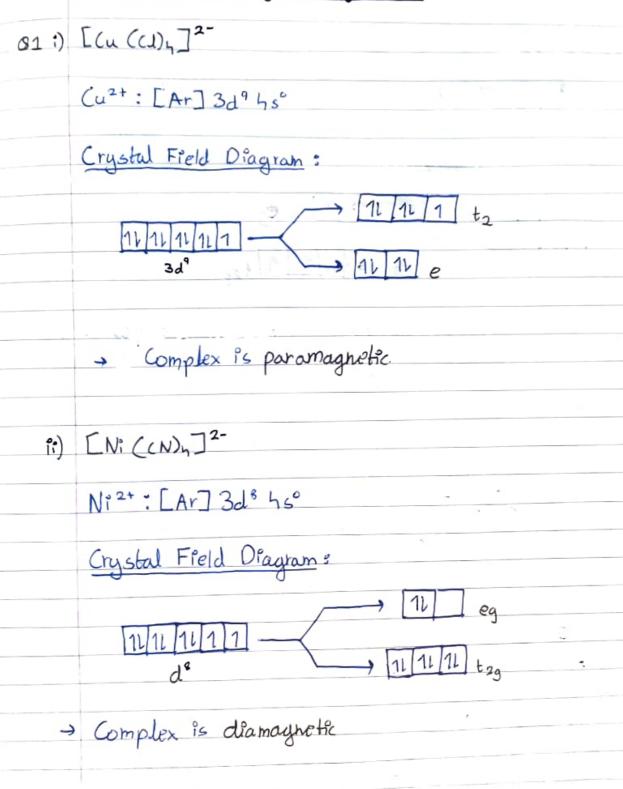
Name: Vidhi Shah Reg No: 21BCE1297

BCHY101L - Digital Assignment I







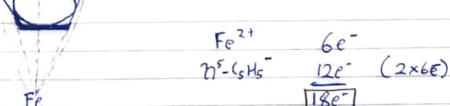
Pri) [(oF6]3-Co3+: [Ar] 3d6 Crystal Freid Diagram : -> Complex is paramagnotic (32 i) [Fe2 ((0),] Fe (0) be- (3x2e) Bridge (0 3e (3x1e-) Fe-Fe

-) Complex follows 18e-rule and is stable



- → Complex does not follow 18e-rate and is unstable

 → Although after undergoing Oxidative addition with Hz it attains
 18e-
- 111)



→ Complex follows 18e- rule and is stable.

- - 2) Complex does not follow 18e rule and is not stable