

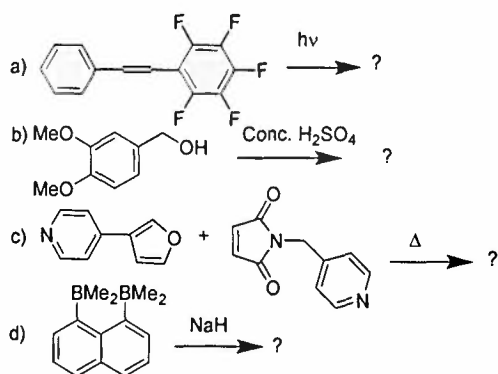
Indian Institute of Science Education and Research –Kolkata, **CH3106** MID-SEM Exam, 2018

Answer any **five** questions

Time : 60 minutes,

**20**

1. Write about (a)  $\pi$ - $\pi$  stacking, (b) ionic interactions 2×2
- 2 (a) What is aromaticity? (b) What is chiral imprint in supramolecular chemistry 2×2
3. Write the stereo isomers of alanine and lactic acid with absolute configurations. 2×2
4. Write the interaction behind writing with a led pencil on paper and rub with an eraser. What is solvation? 3+1
5. How you will synthesis (a) Crown ethers, (b) Two zinc-cyclen complexes 2×2
6. Write the products 1×4



*Debasish Halder*