

Internal Assessment
3rd Semester Chemistry Honours
Department of Chemistry
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Paper code: CEMHT7, FM-10, Time: 30 minutes

Answer any five

1. Convert *trans* 2-butene to meso 2,3-butane diol. 2

2. What will be acid catalysed rearrangement product of 2-methyl-4-phenylbut-3-yn-2-ol? 2

3. Synthesis neopentane by Corey House synthesis. 2

4. Convert acetaldehyde to acetone *via* 1,3-dithiane. 2

5. Draw the chemical structural formula including name of PDC & PCC. 2

6. What happens when RMgX is treated with succinic anhydride followed by acidic hydrolysis. 2