

**1<sup>st</sup> SEM Honours Practical Exam under CBCS-2020**  
**Subject: Chemistry**  
**Paper Code-CEMHP-1 (DC1, Organic)**  
**F.M-15, Date: 03.11.2020, Time: 10 A.M to 1 P.M**

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1. What is Denige's reagent? 1
2. How could you distinguish benzoic acid and salicylic acid by identification flow diagram. 2
3. What is Felling's reagent? Give its structure. 2
4. Distinguish sucrose and glucose by Molisch's test. 2
5. Why conc. H<sub>2</sub>SO<sub>4</sub> is used as melting point bath to determine m.pt. of O.S. 2
6. Give flow diagram of separation of following binary mixture 2+2
- (i) 2-Naphthol+*m*-dinitrobenzene (ii) *p*-nitroaniline+Benzil
7. How can you prepare 50 ml of 6(N) HCl and 50 ml of 10% NaOH solution 2
- from conc. HCl and sodium hydroxide