

B. Sc. (Chemistry) Honours Examination, 2019
First B. Sc.
(2nd Semester)
Organic Chemistry Practical
Paper-CHEM/PR/04
Unit 204L-O

Time: Four hours (11 am to 3pm)

Full marks: 50

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| 1. Organic Preparation | 20 |
| 2. Sessional | 20 |
| 3. Viva voce and laboratory note book. | 10 |

Direction for Organic Preparation: Place 1.5 g of compound A and 25 ml 10% NaOH solution in a 100 ml conical flask. Boil the mixture for 30 min. Cool the solution in ice, and add conc HCl until the mixture is strongly acidic, white precipitate separates immediately. Filter, wash thoroughly with cold water and dried. Crystallize from hot water. The amount of the crude product and m.p. of the recrystallized product are to be reported. Both crude and recrystallised products are to be submitted.