

M.Sc. 3rd Semester Examination-2022-23**CHEMISTRY (PRACTICAL)****Course ID : 31464 Course Code : CHEM-304C(PR)****Course Title : Organic Chemistry Practical****Time : 6 Hours****Full Marks : 40***The figures in the right hand margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Make a separation of components of a solid binary mixture marked 'S' using alkali extraction method. Separate the residue (A) and identify the separated component (A).

Submit your results in following order :

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|---|---|
| (a) Separation and Purification | 2 |
| (b) Physical characteristics | 1 |
| (c) Melting point of the component | 2 |
| (d) Systematic analysis for the detection of special elements | 3 |

(Turn Over)

(e) Preliminary tests	2
(f) Solubility tests	2
(g) Systematic analysis of the functional groups	12
(h) Prepare derivative with method	4
(i) Overall conclusion with literature survey	2
2. Laboratory Note Book	5
3. Viva-voce	5
