

2019

B.Sc.

1st Semester Examination

CHEMISTRY (General)

Paper—DSC 1A-P

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

1. Detect the special elements namely—nitrogen (N), sulphur (S) and halogens (Cl, Br, I) in the supplied organic compound. 15

Or

Prepare 250 ml. approx $\left(\frac{N}{10}\right)$ standard solution of potassium dichromate by accurate weighing in an analytical balance.

Find out the amount of Fe^{++} in gm/litre in Mohr's salt solution supplied in the bottle marked "V".

(volumetric results upto four decimal places) 15

[Turn Over]

(2)

2. Laboratory note book.

2

3. Viva-voce

3
