

**U.G. 5th Semester Examination - 2020****CHEMISTRY****[HONOURS]****Discipline Specific Elective (DSE)****Course Code : CHEM(H)-P-DSE-1B/PR****[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.*

1. Answer any **two** questions: 10×2=20
- a) Describe the methods for the determination of the following elements in cement: Silicon and Calcium. 10
  - b) How to determine the free phosphoric acid in superphosphate? 10
  - c) Describe the methods for the preparation of zinc oxide pigment. 10
  - d) Discuss the complexometric estimation of CaCO<sub>3</sub> and MgCO<sub>3</sub> in Dolomite. 10
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