

Practical Examination, 2021

BSc Sem-I (CBCS)

Sub: CHEMISTRY

Paper: CHE-1012 (RC/HG)

Full Marks: 20

Time: 2 hrs.

1. Write the theory of estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture. (सिद्धि नोटिथ वळत दुड्डिणम कर्णनठे ठारा दुड्डिणम दुड्डिणन कर्णनठे व मरिठान विरिण वळत - सुननठिठे विरिण) 4

2. Write the theory of detection of elements (N, S, Cl, Br & I) present in an organic compound in a systematic ways. (तेडु वळेठ वळत - ठोलेन - नठिठेठेन, दुननठारा - ठारा ठेनेठेन व ठेनठिठेन विरिण वळत - मठेठारा - सुननठिठेन विरिण) 4

3. Laboratory notebook. (वृत्तारठ वळत - ठेन वळी) 4

4. Answer the following questions (in lieu of viva-voce) (ठेनठिठेन वळत - ठेन वळी) 4

a) Write chemical equations involved in the detection of Nitrogen in an organic compound. (तेडु वळेठ वळत - ठोलेन - नठिठेठेन - ठेनठिठेन विरिण वळत - ठेन वळी) 4

b) Explain the reason for the fusion of an organic compound with metallic sodium for testing nitrogen, sulphur and halogens. (नठिठेठेन दुननठारा - ठारा ठेनेठेन ठोलेन - वळीठेन वळत - ठेन वळी) 4

c) How will you separate a mixture of two organic compounds which have different solubilities in the same solvent? (नठेठेन दुननठेन वळत - ठेन वळी) 4

d) What is chromatography? (ठेनठिठेन वळत - ठेन वळी) 1