

Parvatibai Chowgule College of Arts and Science
Autonomous

BSc Continuous Assessment Examination, January 2022

Semester: III

Subject: Chemistry

Title: Skill Development in Chemistry (SEC)

Duration: 1 hour

Max.Marks: 25

Instructions :1. All Questions Are Compulsory
2. Figures to the Right Indicate Full Marks

- Q 1)** **a)** With the help of a neat and labelled diagram explain the cleansing action of a soap. (3)
- b)** Differentiate between Soap and Detergent (Any 4 points) (2)
- Q 2)** **a)** Define saponification and give a reaction for the same. Discuss the mechanism of rancidification of oils. (3)
- b)** Give the classification of fatty acids (any two points with two examples each) (2)
- Q. 3)** **a)** Explain the steps involved in making of flavoring syrups. (3)
- b)** Explain the treatment of water in making of soft drinks. (2)
- Q.4)** **a)** What is saccharin? Write down the preparation of saccharin. (3)
- b)** Define food flavors. Name the ester containing food flavor present in apricots and apples. (2)
- Q.5)** **a)** What is the role of preservatives in foods? State any two examples of preservatives used in foods. (3)
- b)** Explain the detection of adulteration in milk. (2)