

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF CHEMISTRY
INTERNAL ASSIGNMENT
(Academic Year 2023-24)

Name of the Course: BSc Programme

Sem-1

Name of the Paper: Essential Food Nutrients (SEC)

Name of the Faculty: Dr Bhasha & Dr Rangnath Ravi

Date: 25.11.2023

Maximum Marks: 20

Last Date of Submission: 2.12.2023

Q1. a) Discuss the structure of proteins.

b) What do you mean by protein denaturation?

Q2. Write short notes on

- a) Essential amino acids
- b) Peptide bond
- c) Isoelectric point
- d) Wilson's disease
- e) α -Helix

Q3. Classify vitamins and briefly discuss their functions and deficiency?

Q4. Write trace elements and their metabolism in the body?

Q5. Describe the following minerals:

- a) Copper
- b) Zinc
- c) Magnesium

d) Cobalt

e) Calcium