

BSc. Sem.-2 Examination**CC-I-Paper-103****Health & Hygiene****May-2025****[Max. Marks : 70****Time : 2-30 Hours]**

1. Write note on BMR & Essential amino acid. 14

OR

1. (A) Discuss deficiency disease. 7

(B) Write brief detail note on vitamin A & B deficiency 7

2. Explain types of Food spoilage. 14

OR

2. (A) Discuss traditional technique of food preservation. 7

(B) Discuss the advanced technique for food preservation. 7

3. Give details note on cause and symptoms in food poisoning. 14

OR

3. (A) Discuss the fungal toxins. 7

(B) Explain control measures bacterial toxins. 7

4. Explain the Microbiological analysis of food. 14

OR

4. (A) Discuss food adulteration. 7

(B) Write down direct count method of SPC. 7

5. Answer the following (Any Seven) 14

1. Define: Osteoporosis.

2. Function of Preservation.

3. What is canning & bottling.

4. Define: Pascalization.

5. Full form of FDA & ICMR.

6. Function of FDA.

7. Define: MPN

8. Explain ELISA.

9. What is Hybridization?

10. Define: Mycotoxins.

11. Planning of clinical study.

12. Two agency name of drug approval in Gujarat.