

B.Sc. Semester-6 Examination
CC-307 Biochemistry
Nutrition and Diseases
April-2025

Time : 2-30 Hours]

[Max. Marks : 70

ENGLISH VERSION

- Instructions :** (1) All questions are compulsory.
 (2) All questions carry equal marks.

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|-----------|-------|--|----|
| 1 | (a) | Write causes of Obesity. | 7 |
| | (a) | Discuss types of Diabetes. | 7 |
| OR | | | |
| | (a) | Explain BMI & its importance. | 7 |
| | (b) | Explain complications of Diabetes. | 7 |
| 2 | | Explain in detail-Causes and types of Anemia. | 14 |
| OR | | | |
| | (a) | Give causes of Rickets. | 7 |
| | (b) | Discuss 3-3 symptoms of Osteomalacia & Rickets. | 7 |
| 3 | (a) | Explain symptoms/complications of Kwashiorkar. | 7 |
| | (b) | Discuss CHD (as short note) | 7 |
| OR | | | |
| | (a) | Explain in detail causes and symptoms of Marasmus. | 14 |
| 4 | (a) | Give causes of scurvy. | 7 |
| | (a) | Discuss types of Xerophthalmic changes. (i.e. x_1 , x_f etc) | 7 |
| OR | | | |
| | (a) | Explain/write symptoms of scurvy. | 7 |
| | (b) | Short note on Natural food toxins. | 7 |
| 5 | | Write any 7 from following : | 14 |
| | (1) | Give 2 nutrients essential to prevent anemia. | |
| | (2) | Give 2 nutrients essential to prevent Rickets. | |
| | (3) | Name 2 scientists of Nutrition. | |
| | (4) | Name 2 books of Nutrition. | |
| | (5) | What is Marasmic kwashiorkar. | |
| | (6) | What is nightblindness? | |
| | (7) | HbA _{1c} is used for detection of which disease? | |
| | (8) | Name 2 low calories food. | |
| | (9) | Which surgery is common for Abdominal Obesity? | |
| | (10) | Which food should be avoided to prevent CHD? | |
| | (11) | What is chemical name of vit-C? | |
| | (12) | What is chemical name of vit-D? | |