

Seat No. : \_\_\_\_\_

# AB-110

April-2023

B.Sc., Sem.-VI

CC-307 : Biochemistry  
(Nutrition & Diseases)

Time : 2:30 Hours]

[Max. Marks : 70

**Instruction :** Figures to the right indicate marks.

## SECTION - I

1. (a) Explain complications of Obesity. 7  
(b) Discuss types of diabetes. 7

**OR**

- (a) Give etiology of Obesity. 7  
(b) Discuss clinical features of diabetes. 7

2. (a) Explain etiology of Rickets. 7  
(b) Discuss megaloblastic anaemia. 7

**OR**

- (a) Give clinical symptoms of Rickets. 7  
(b) Discuss iron deficiency anaemia. 7

3. (a) Give symptoms of “Kwashiorkor”. 7  
(b) Give etiological factors for PEM. 7

**OR**

Discuss role of lipids in diet and CHD in detail. 14

4. (a) Give etiology of “Scurvy” & discuss scurvy bud in brief. 7  
(b) Short note on types of Xarophthalmia. 7

**OR**

Explain in detail “Natural food toxins”. 14

## SECTION – II

Attempt any **Seven** from the following :

14

- (1) Discuss BMI briefly.
  - (2) Give two blood tests for confirming diabetes.
  - (3) Define Anaemia & give normal value of Hb.
  - (4) What is “Craniotabes” or “Pigion Chest” ?
  - (5) Give role of two factors to prevent Anaemia.
  - (6) Name two books with Author’s name for human nutrition.
  - (7) Give full form of PEM,  $X_f$ .
  - (8) What is “Gingivitis” ?
  - (9) Suggest two preventive steps for obesity.
  - (10) Name two protein rich food sources.
  - (11) What is “Pernicious anaemia” ?
  - (12) What is “Knock Knee” & “bow-leg” ? (draw rough diagram)
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