

Seat No. : _____

LD-108

April-2014

B.Sc. Sem.-VI

CC-307 : Biochemistry

(Nutrition & Diseases)

Time : 3 Hours]

[Max. Marks : 70

- Instructions :** (1) All questions carry equal marks.
(2) Mention clearly the option you attempt.

1. (a) Discuss the complications of Diabetes Mellitus. **8**
(b) Briefly discuss the assessment and treatment of Obesity. **6**
- OR**
- (a) Explain the Etiology of Obesity. **7**
(b) Discuss the Clinical features of diabetes Mellitus. **7**
2. (a) Explain the Clinical and Biochemical features of Rickets. **10**
(b) Describe the types of Nutritional Anaemias. **4**
- OR**
- (a) Discuss the Etiology and Clinical features of Iron deficiency Anaemia. **10**
(b) Discuss the Etiology of Rickets. **4**
3. Explain any **two** : **14**
(1) Clinical features of Kwashiorkor.
(2) Role of Lipids in CHD.
(3) Etiology and Biochemical features of Marasmus.
4. (a) Explain Natural Food toxins, their types and methods for their detoxification. **10**
(b) Discuss the Biochemical features of Scurvy. **4**
- OR**
- (a) Discuss the Etiology and Clinical features of Scurvy. **7**
(b) Discuss the Clinical features of Xerophthalmia. **7**

5. Answer in brief : **14**
- (1) State any two differences between type-I and type-II Diabetes Mellitus. **2**
 - (2) What is Secondary Diabetes Mellitus ? **2**
 - (3) Define Osteomalacia. **2**
 - (4) Why certain Anaemias are called Megaloblastic ? **2**
 - (5) What is BMI ? How is it used ? **2**
 - (6) State any two clinical features of Marasmus. **2**
 - (7) Give two most important causes of Xerophthalmia. **2**
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