

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

**AB-116**  
**April-2016**  
**B.Sc., Sem.-VI**  
**307 : Biochemistry**

**Time : 3 Hours]**

**[Max. Marks : 70**

1. Explain in detail etiology and Complications of Obesity. **14**

**OR**

(a) Discuss Types and Etiology of Diabetes Mellitus. **6**

(b) Give Clinical Features and Complications of Diabetes. **8**

2. (a) Explain the Types of Anaemias. **7**

**OR**

Explain etiology of Osteomalacia.

(b) Explain different causes of Rickets. **7**

**OR**

Note on – Clinical features of Iron deficiency Anaemia.

3. (a) Briefly discuss Classification of PEM. **8**

**OR**

Give clinical features of only Protein deficiency disease of PEM

(b) Write role of cholesterol in CHD. **6**

**OR**

Explain various factors associated with CHD.

4. (a) Write a note on 3 – natural food toxins and its detoxification. 7
- OR**
- Explain etiology and forms of Xerophthalmia.
- (b) Write a note on etiology of scurvy. 7
- OR**
- Explain clinical features of scurvy.
5. (a) Briefly explain –
- (1) Blood test for diabetes. 2
  - (2) List factors responsible for type-I diabetes. 2
  - (3) What is scurvy bud ? 2
- (b) (1) Give importance of Vitamin - C, Folic acid in diet. 2
- (2) Give Haemoglobin level in men and women. 2
  - (3) What is Xerophthalmic fundus ? 2
  - (4) What is Marsmic-Kwashiorkar ? 2
-