

**B.Sc. (Nursing Part-I) Examination**  
**October – 2007**  
**Paper – II (Section – B)**  
**Subject – Biochemistry**

**Time: Three Hours**

**Marks: 40**

**Question No. 4 is Compulsory**

**Attempt any Two from rest of the questions in each section.**

**(Use Separate Answer-Book for Each Section)**

- Q.1 Describe  $\beta$  (beta) oxidation of 16 carbon structure fatty acid and its energetics. (12)
- Q.2 Write about (any 2) (12)
- a) Urea cycle
  - b) Lipo-proteins
- Q.3 Describe briefly the classification of enzymes according to I.V.B. system, giving example of each class. (12)
- Q.4 Explain in detail (any two) (16)
- a) Role of vitamin - A in vision.
  - b) TCA cycle
  - c) Absorption of iron