

**B.Sc. (Nursing Part-I) Examination**  
**January – 2010**  
**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 the transport and metabolism of ammonia. Explain the biochemical basis of ammonia toxicity. (12)
- Q.2 Write short notes on any 3 of the following:- (2x6 =12)
- Essential amino acids.
  - Lipoprotein
  - Metabolic acidosis
  - Ketosis
- Q.3 Write short notes on :- (4x3 =12)
- Fatty liver
  - Jaundice
  - Role of cholesterol in atherosclerosis
- Q.4 Discuss in brief (4x4 =16)
- Structure of immunoglobulins
  - Co-enzyme
  - Prostaglandins
  - Method of blood glucose estimation and glucose tolerance test.