

**B.Sc. (Nursing Part-I) Examination**  
**November – 2015**  
**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 Define gluconeogenesis. Explain the pathway of gluconeogenesis. (2+10=12)
- Q.2 Discuss briefly (2x6 =12)
- a) Importance of biochemistry for nurses.
  - b) Blood buffer.
- Q.3 Write briefly : (2x6 =12)
- a) RNA types of functions.
  - b) Classified lipids and mention functions of lipid.
- Q.4 Write short notes on :- (4x4 =16)
- a) Urea cycle.
  - b) Essential amino acid.
  - c) Glycolysis in RBC.
  - d) Metabolic acidosis.