

B.Sc. (Nursing Part-I) Examination

November – 2016

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 Write the steps of urea cycle. Discuss clinical significance of blood urea level. (12)
- Q.2 Discuss briefly :- (2x6 =12)
- a) Functions of immunoglobulins
 - b) Krebs's cycle
- Q.3 Write briefly. (2x6 =12)
- a) Glucose tolerance test
 - b) Essential amino acids
- Q.4 Write short notes on :- (4x4 =16)
- a) Classify enzymes and co-enzymes and its functions
 - b) Prokaryote and eukaryote cell organization
 - c) Acid base balance maintenance
 - d) Metabolism of fatty acid