

I year B.Sc. Nursing (PC) Degree Examination – September 2014

Time: 3 Hours

Max. Marks: 38 Marks

Biochemistry**Q.P. Code : 1739**

Four answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary.

(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)**LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Describe glycogen metabolism.
2. Describe the formation of uric acid and add a note on Gout.

SHORT ESSAYS (Answer any Four)**4 x 5 = 20 Marks**

3. Classify lipoproteins and write their functions.
4. Functions and sources of Sodium
5. What are iso-enzymes? Describe their diagnostic importance with one example.
6. What are plasma proteins? Mention their functions.
7. Describe urea cycle.

SHORT ANSWERS**4 x 2 = 8 Marks**

8. Benedict's test
9. Name bile acids and write their role in digestion.
10. Give normal serum levels for (a) Sodium (b) Potassium (c) Calcium and (d) Urea
11. Name four compounds derived from cholesterol.
