

QP CODE: 103326

Reg. No:

First Year Pharm D Degree Examinations June 2017

Medicinal Biochemistry

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Explain 'translation process' in detail.
2. Explain citric acid cycle. Add a note on the conversion that links glycolysis to citric acid cycle.
3. Discuss biosynthesis of cholesterol.

Short notes:

(8x5=40)

4. HEME degradation.
5. IUB classification of enzymes with suitable examples.
6. Genetic code.
7. Water balance.
8. Principle and procedure involved in radioimmunoassay (RIA).
9. Principle involved in the determination of serum calcium.
10. ATP generation.
11. Role of clinical chemistry laboratory.
