

Q.P. CODE: 103016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, August 2016

Biochemistry

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Explain the principle and procedure of estimation of electrolytes
2. Describe the Nutritional importance of Lipids and Proteins

Short notes:

(6×5=30)

3. Renal function tests
4. Define water of crystallization and mention its different types
5. Cleaning of glass wares in the laboratory
6. Rutherford's model of atomic structure
7. Preparation of 0.1N NaCl
8. Arrhenius concept of acids and bases

Answer briefly:

(10×3=30)

9. Reagent bottles
10. Collection of CSF
11. What are the precautions to be taken while using pH meter
12. Accuracy and Precision
13. ABG Analysis
14. Calorific value
15. Stop watch
16. Metabolic alkalosis
17. Borosilicate glass
18. List the commonly used indicators and their pH range
