

Q.P. CODE: 103016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, August 2017

Biochemistry

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Classify carbohydrates. Mention the steps of glycolysis

(5+5=10)

2. What is the normal pH of blood. Explain how it is maintained in the body by buffers. (1+9=10)

Short notes:

(6x5=30)

3. Immunoglobulins
4. Anticoagulants
5. Serum electrophoresis
6. Lipid profile
7. Dietary fibers
8. Parenteral nutrition

Answer briefly:

(10x3=30)

9. Anion gap
10. Benedict's tests
11. Nitrogen balance
12. BMR
13. Renal function tests
14. Essential amino acids
15. Quantum number
16. Heisenberg's uncertainty principle
17. Percent solution
18. Vitamin 'C'.
