

Q.P. CODE: 102016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary Examinations,
February 2017**

Physiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Name the body fluid compartments mentioning their normal values. Mention briefly about its regulation.
2. Define water diuresis. Mention the mechanism of reabsorption of water in different segments of the nephron. Add a note on diuretics.

Short notes:

(6×5=30)

3. Electrocardiogram
4. Plasma proteins
5. Digestive functions of pancreatic juice
6. Mechanism of hearing
7. Aldosterone
8. Blood transfusion reactions

Answer briefly:

(10×3=30)

9. Asphyxia
10. Cretinism
11. Juxtamedullary apparatus
12. Neuroglia
13. Triple response
14. Sarcomere
15. Testosterone
16. Dysbarism
17. Functions of gastric juice
18. Prothrombin
