

Q.P. CODE: 102016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary Examinations,
May 2014**

Physiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Enumerate the types of leucocytes. Discuss the properties of neutrophil and mention three clinical conditions which cause neutrophilia. (2+5+3=10)
2. Define cardiac cycle. Mention the names of different phases of cardiac cycle and discuss the intraventricular pressure changes during cardiac cycle (2+3+5=10)

Short notes:

(6×5=30)

3. ABO System of blood groups
4. .Intrinsic pathway of blood coagulation
5. ECG
6. Functions of bile salt
7. Respiratory membrane
8. Juxtaglomerular apparatus

Answer briefly:

(10×3=30)

9. Intra pleural pressure
10. Cyanosis
11. Dwarfism
12. Functions of middle ear
13. Reflex arc
14. Immunological test for pregnancy
15. Innervations of bladder
16. Sarcotubular system
17. Pharyngeal phase of deglutition
18. Inulin clearance
