

FIRST PROFESSIONAL B.H.M.S. DEGREE EXAM

PAPER V – PHYSIOLOGY-I

Q.P. Code : 581232

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:(Draw diagram wherever necessary) (2x15 = 30)

1. Define blood coagulation. Explain in detail about the mechanisms of blood clotting.
2. What is spirometer? Explain in detail about the different volumes and capacities of lung.

II. Short Notes. (10x5 = 50)

1. Nephron and its functions.
2. Organ of corti.
3. Regulation of body temperature.
4. Components of protoplasm.
5. Erythroblastosis foetalis.
6. Fate of Red blood cells.
7. Arrhythmia.
8. Artificial respiration.
9. Venous return.
10. Juxta glomerular apparatus.

III. Short answers. (10x2 = 20)

1. Specific dynamic action.
2. Dead space air.
3. Polycythemia vera.
4. Innate immunity.
5. S.A Node.
6. Hypoxia.
7. Heart sounds.
8. Dialysis.
9. Sweat gland.
10. Taste buds.