

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER V – PHYSIOLOGY - I

Q.P. Code : 581232

Time: Three Hours

Maximum : 100 Marks

**Answer All questions
Draw diagram wherever necessary**

I. Essay Questions:

(2 x 15 = 30)

1. Define Cardiac Cycle. Write in Detail About its Phases.
2. Define Differential Leucocyte Count. Describe the Different varieties of Leucocytes with their functions.

II. Write Notes on:

(10 x 5 = 50)

1. Basal Metabolic Rate.
2. Lymph.
3. Sarcotubular system.
4. Juxtaglomerular apparatus.
5. Surfactant.
6. Erythroblastosis Foetalis.
7. Visual Pathway.
8. Glycosuria.
9. Heart sounds.
10. Micturition.

III. Short Answers on:

(10 x 2 = 20)

1. Dialysis.
2. Refractory period.
3. Astigmatism.
4. Immunity.
5. E. C.G
6. Phagocytosis.
7. Rhodopsin.
8. Tidal volume.
9. Balanced diet.
10. Heart block.
