

FIRST B.H.M.S. DEGREE EXAMINATION

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 and classify anemia. Explain in detail about the iron deficiency anemia.
2. Define cardiac cycle. Explain various events during each cardiac cycle.

II. Short Notes: (10x5 = 50)

1. Spirometer.
2. Functions of spleen.
3. Surfactants.
4. Structure and functions of skin.
5. Micturition reflex.
6. Transport across the cell membrane.
7. Caisson's Disease.
8. Plasma proteins.
9. Visual pathway.
10. Glomerular filtration rate.

III. Short answers: (10x2 = 20)

1. Platelets.
2. Deoxyribo Nucleic Acid
3. Cyanosis.
4. Electro cardiograph.
5. Tissue macrophages.
6. Weber's test.
7. Megaloblastic anemia.
8. Renal threshold.
9. All or None law.
10. Respiratory membrane.