

B.Sc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY

FIRST YEAR

PAPER I – ANATOMY AND PHYSIOLOGY

Q.P. Code: 801401

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss in detail the different stages of Erythropoiesis. Define Anaemia.
2. Describe the external features, fissures and lobes of the Lung with suitable diagram.
3. Define Blood pressure, Regulation of Blood pressure and add a note on Hypertension.

II. Write notes on:

(8 x 5 = 40)

1. Classify WBC's and Mention the functions of each.
2. Thyroid function test.
3. Lung volumes and lung capacities.
4. Micturition.
5. Mention the Valves of heart.
6. Describe about the Position, External features and applied anatomy of Urinary bladder.
7. Mention about the contents and boundaries of abdominal cavity.
8. Inter costal Muscles.

III. Short answers on:

(10 x 3 = 30)

1. Autorhythmicity.
2. Albumin / globulin Ratio.
3. Rickets.
4. Define shock. Name various types of shock.
5. Inferior Surface of liver.
6. First rib.
7. Respiratory muscles.
8. Sternal angle and its importance.
9. Branches of subclavian artery.
10. Draw and Label the parts of the kidney.