

[LN 0818]

AUGUST 2018

Sub. Code: 1906

B.Sc. RADIOTHERAPY TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY

Q.P. Code: 801906

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Enumerate the endocrine glands. Write in detail of pituitary gland anatomy and functions.
2. Discuss in detail the pulmonary and systemic circulation.
3. List out various constituents of blood. Explain in detail about WBC.

II. Write Notes on:

(8 x 5 = 40)

1. List out plasma proteins? Explain difference between serum and plasma.
2. Heart sounds.
3. Menstrual cycle.
4. Structure of middle ear and its functions.
5. Erythropoiesis.
6. Types of bones and its functions.
7. Functions of adrenal medulla.
8. Difference between artery and vein.

III. Short Answers on:

(10 x 3 = 30)

1. Endocrine functions of testis.
2. Layers of skin.
3. Dyspnea and Hypoxia.
4. Muscles of Respiration.
5. Steps of urine formation.
6. Scapula.
7. Renal artery.
8. Mitochondria.
9. Rh factor.
10. Oxytocin.
