

[LM 0218]

FEBRUARY 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. Describe the detail anatomy of respiratory system with diagram. Explain about nervous control of respiration.
2. Classify joints. Explain about different types of synovial joints with examples.
3. Mention the different parts of urinary system and explain in detail about process of urine formation.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Functions of Liver.
2. Explain in detail the Conduction system of Heart.
3. What are Lymph nodes and discuss their functions?
4. Structure and functions of skin.
5. List out the hormones of pituitary. Explain any two.
6. Explain events in menstrual cycle.
7. Classify connective tissue.
8. Write down the different components of blood and write about functions of RBC?

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Difference between benign and malignant tumors.
2. What is pleura? Functions of pleura.
3. Broncho Pulmonary Segments.
4. What is normal Blood pressure? Name the instrument used to measure it.
5. Name the different parts of Gastro intestinal system.
6. Name three main parts of cell with their function.
7. What is fertilization?
8. Define Mitosis, Meiosis.
9. Functions of Saliva.
10. Importance of Vitamin-B12.

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