

[LP 0819]

AUGUST 2019

Sub. Code: 1941

**B.Sc. RADIOTHERAPY TECHNOLOGY**  
(New Syllabus 2018-2019)

**FIRST YEAR**

**PAPER I – HUMAN ANATOMY AND PHYSIOLOGY**

*Q.P. Code: 801941*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Name the parts of the Gastro intestinal system. Write in detail about the stomach under the following sub headings: a) External features b) Histology c) Blood Supply d) Clinical Anatomy.
2. Describe in detail about the heart under the following sub headings: a) External features b) Interior of heart c) Blood supply d) Clinical Anatomy
3. Write in detail about the spinal cord and the ascending and descending pathways.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Histology of bone.
2. Structure of eyeball.
3. Parts of brain.
4. Muscles of tongue.
5. Glomerular filtration and juxta glomerular apparatus.
6. Respiratory movements.
7. Functions of ovary.
8. Deglutition.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Name the parts of femur bone.
2. Name the types of joint.
3. Give the blood supply of liver.
4. Name the parts of the male reproductive system.
5. Surface marking of lungs.
6. Composition of blood.
7. Spermatogenesis.
8. Name the types of gland in the skin.
9. Enzymes of pancreas.
10. Parts of the uterus.

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