

[LN 0818]

AUGUST 2018

Sub. Code: 1801

**B.Sc. RADIOLOGY IMAGING TECHNOLOGY**

**FIRST YEAR**

**PAPER I – HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY  
RELEVANT TO RADIOLOGY**

*Q.P. Code: 801801*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Draw the parts of Lungs. Write the mechanism of Respiration.
2. Draw the C/S of Heart and Label. Describe the cardiac cycle.
3. Write the types of Joints with example. Describe Shoulder joint with diagram.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Cerebro Spinal Fluid.
2. Write about the structure of Breast.
3. Draw and Label C/S of Skin and Write the Function of Skin.
4. Draw the structure in Female and Male Pelvis and Label.
5. Explain Lymph Node.
6. Explain Hypothalamus and its functions.
7. Describe Mandible.
8. Describe Testes.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Draw a Neuron and name the parts.
2. Draw C/O Eye ball and Label.
3. Name the Ossicles of Ear.
4. What are Muscles of Respiration?
5. What is a Trigone?
6. Write the types of Muscles with example.
7. Draw and Label a Typical Rib.
8. What are the types of Circulation?
9. What are Axial and Appendicular Skeleton?
10. Name the parts of Male Urethra.

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