

[LJ 0816]

AUGUST 2016

Sub. Code: 1401

**DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY
FIRST YEAR
PAPER I – HUMAN ANATOMY AND PHYSIOLOGY,
RELEVANT TO RADIOLOGY**

Q.P. Code: 841401

Time : Three Hours

Answer All questions.

Maximum : 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Discuss the elbow joint and their movements.
2. Neat diagram of heart and describe the chambers.
3. Process of urine formation.

II. Write notes on:

(10 x 5 = 50)

1. Blood Transfusion hazards.
2. Histology of liver.
3. Sarcomere.
4. Taste Buds.
5. Muscles of Expiration.
6. Cushing's syndrome.
7. Menstrual cycle.
8. Cretinism.
9. Intestinal juice.
10. Parts of cerebral hemisphere.

III. Short answers on:

(10 x 2 = 20)

1. Tetany.
2. Testosterone.
3. Barium enema.
4. Thyroid function tests.
5. Mitochondria.
6. Osteoclasts.
7. Saliva and its functions.
8. Spinal cord.
9. Platelets and their function.
10. Muscles of expiration.
