

[LD 0212]

AUGUST 2013

Sub. Code: 1401

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

*Q.P. Code : 841401*

**Time : Three hours**

**Maximum : 100 marks**

**Answer All questions.**

**I. Elaborate on :**

**(3x10 = 30)**

1. Describe anatomy of heart and systematic circulation
2. Describe various parts of female reproductive system and functions of ovaries?
3. Name three Meningeal layers and state their functions.

**II. Write short notes on:**

**( 10X5= 50)**

1. Draw a labeled diagram of typical synovial joint.
2. Describe brief about paranasal air sinuses.
3. Describe layers and functions of skin.
4. Describe anatomy of hip joint
5. Name the bones of skull.
6. List important functions of saliva.
7. Describe the structure of Nephron
8. What are the parts of brain?
9. Describe brief the structure of eye.
10. Describe about neurotransmitters

**III. Short answers on:**

**(10X2=20)**

1. Branches of Abdominal aorta
2. What is mid Sagittal plane?
3. What is Proximal and Distal?
4. Differences between right lung and left lung?
5. Name the Ossicles of middle ear.
6. Define peristalsis.
7. What are the parts of brain stem?
8. What is medial and lateral?
9. List four important roles of muscles in the body.
10. What are the functions of hair?

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