

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

Q.P. Code: 841401

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Explain in brief about physiology of respiration.
2. Draw the stomach and label the parts. Write in detail about the functions of stomach.
3. Classify muscles. Explain in detail about physiology of muscle contraction.

II. Write notes on:

(10 x 5 = 50)

1. Thyroid gland.
2. Name the different types of joints present in our body with examples.
3. Draw the cross sectional view of the heart and write about conducting system of heart.
4. Composition of blood and write about the functions of blood.
5. Spleen.
6. Physiology of Urine formation.
7. Importance of blood grouping.
8. Name the parts of female reproductive system. Write the phases of menstrual cycle.
9. Kidney function tests.
10. Mention the different types of taste with examples.

III. Short answers on:

(10 x 2 = 20)

1. Draw and label the parts a neuron.
2. Write four functions of plasma proteins.
3. Define edema.
4. Write four functions of saliva.
5. Write the function of skin.
6. Anatomical position in human.
7. Gross anatomy of human eye.
8. Pneumatic bones.
9. Suprarenal gland.
10. Lobes of brain.
