

[LF 0212]

AUGUST 2014

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. Name the endocrine glands in human body; discuss in detail about thyroid gland.
2. Discuss about stomach under the following headings-location, parts , relations, blood supply and lymphatic drainage.
3. Write in detail about the physiology of urine formation.

II. Write short notes on:

(10X5= 50)

1. Coagulation of blood.
2. Appendix.
3. Synovial joint.
4. Neuron.
5. Prostate.
6. Axillary group of lymph nodes.
7. Arch of aorta.
8. Tongue.
9. Reflex arc.
10. Functions of bile.

III. Short answers on:

(10X2=20)

1. Adduction and abduction.
2. Name the hormones secreted by pancreas.
3. Skeletal muscle.
4. Glomerular filtration rate.
5. Pericardium.
6. Sino atrial node.
7. Aponeurosis.
8. Ear ossicles.
9. Cisterna chyli.
10. Sulci and gyri.
