

[LE 0212]

FEBRUARY-2014

Sub. Code: 2101

B.Sc. NUCLEAR MEDICINE TECHNOLOGY

FIRST YEAR

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY

Q.P. Code: 802101

Time: Three hours

Maximum: 100 marks

Answer ALL questions.

I. Elaborate on:

(3X10=30)

1. Describe in detail position heart in thorax and structure of heart wall.
2. Describe in detail structure of stomach and functions of stomach.
3. Describe in detail structure of neuron.

II. Write short notes on:

(8X5=40)

1. Conducting system of the heart.
2. Describe parts of aorta.
3. Portal vein.
4. Thymus gland.
5. Cerebrospinal fluid.
6. Parts of brain stem.
7. Effects of sympathetic stimulation of cardio vascular system.
8. Extra ocular muscles of eye.

III. Short notes:

(10X3=30)

1. Haemostasis.
2. Basal ganglia.
3. Thalamus.
4. Referred pain.
5. Auditory ossicles.
6. Control of respiration.
7. Structure of tooth.
8. Function of saliva.
9. Functions of small intestine.
10. Functions of skin.
