

[LI 0216]

FEBRUARY 2016

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:

(3 x 10 = 30)

1. Explain in detail the course of Pyramidal tract with applied aspects.
2. Name the endocrine hormones of pancreas and explain in detail Diabetes Mellitus.
3. Explain in detail about the brachial plexus with applied anatomy.

II. Write Notes on:

(8 x 5 = 40)

1. Blood supply of heart.
2. Cerebrospinal fluid.
3. Micturition.
4. Types of joint with examples.
5. Pituitary gland with applied aspects.
6. Structure of liver.
7. Menstrual cycle.
8. Stages of erythropoiesis.

III. Short Answers on:

(10 x 3 = 30)

1. Lewis triple response.
2. Marey's law.
3. Para nasal sinuses.
4. Ventilation perfusion ratio.
5. Layers of intestine.
6. Presbyopia.
7. Hemophilia
8. Bladder trigone.
9. Broncho pulmonary segments.
10. Classification of muscle.
