

[LH 0815]

AUGUST 2015

Sub.Code :2402

BACHELOR OF PROSTHETICS AND ORTHOTICS

FIRST YEAR

PAPER II – PHYSIOLOGY

Q.P. Code: 802402

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Enumerate the descending tracts of spinal cord. Describe in detail the pyramidal tracts. Write a note on the effects of upper and lower motor neuron lesion.
2. Describe on details mechanism of breathing.
3. Give the detail description about erythropoiesis

II. Write Notes on:

(8 x 5 = 40)

1. Write the properties of reflex.
2. Explain negative feedback mechanism.
3. Give the functions of cerebellum.
4. Define Anemia and write its type.
5. Write a note on “Micturition reflex”
6. Explain neuro-muscular junction.
7. Write a note on Conductivity of heart.
8. Describe about thalamus.

III. Short Answers on:

(10 x 3 = 30)

1. Tidal volume.
2. Classification of muscles.
3. Renshaw cell inhibition.
4. Motor unit.
5. Anion gap.
6. WBC.
7. Plasma proteins.
8. Babinski sign.
9. Muscle tone.
10. Action potential.
