

[LE 0212]

FEBRUARY 2014

Sub.Code: 2402

BACHELOR OF PROSTHETICS & ORTHOTICS
FIRST YEAR
PAPER – II PHYSIOLOGY
Q.P. Code: 802402

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3x10 =30)

1. Pyramidal tracts with diagram
2. Mechanism of breathing and lung volumes.
3. Elaborate on conducting system of heart, its components .

II. Write Notes on:

(8 x 5 = 40)

1. Write about Golgi body, with diagram and its functions.
2. Write notes on active transport with diagram.
3. Intrinsic pathway of blood coagulation.
4. Describe the properties of cardiac muscle.
5. Define blood pressure, normal values and its variations and hypertension.
6. Explain hyposia and its types.
7. Write three differences between upper motor neuron lesion and lower motor neuron lesion.
8. Write brief about diabetes mellitus and its types.

III. Short Answers on:

(10 x 3 = 30)

1. Define glycogenolysis
2. Function of skin
3. Explain Micturition reflex
4. Explain Monosynaptic reflex
5. Define referred pain with example
6. Define dyspnoea
7. ECG definition
8. Structure and functions of neurons.
9. Define action potential
10. Function of Eosinophil
