

[LH 0415]

OCTOBER 2015

Sub. Code: 1301

M.Sc., CLINICAL NUTRITION
(from 2012-2014 onwards)
FIRST YEAR
PAPER I – APPLIED PHYSIOLOGY

Q.P. Code : 281301

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20 = 40)

1. Draw and label normal ECG. Describe the waves, segments and intervals of normal ECG.
2. General functions of Thyroid Hormones.

II. Write notes on :

(10 x 6 = 60)

1. Name the types of Epithelial tissue and indicate their chief function and location.
2. Hormonal control of lactation.
3. Describe taste pathway and explain how these receptors are activated.
4. Describe the composition and functions of Plasma.
5. Define synapse. Distinguish between electrical & chemical synapses.
6. Explain the various lung volumes and capacities.
7. Role of Bile in digestion.
8. Compare the general functions of the sympathetic and parasympathetic divisions.
9. Explain the functions of antibody.
10. Diffusion and its types.
