

[LJ 1016]

OCTOBER 2016

Sub. Code: 1301

**M.Sc. CLINICAL NUTRITION EXAMS
FIRST YEAR
PAPER I – APPLIED PHYSIOLOGY**

Q.P. Code : 281301

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the hormones secreted by pituitary gland. Describe the actions and regulation of secretion of growth hormones. Add note on Dwarfism.
2. Define Hemostasis. Explain the steps involved in intrinsic mechanism of clotting.

II. Write notes on:

(10 x 6 = 60)

1. Chemical control of respiration.
2. Mechanism of secretion of gastric juice.
3. Function of bile.
4. Renal function tests.
5. Contraceptive methods in females.
6. Posterior pituitary hormones.
7. Define synapse. Distinguish between electrical and chemical synapses.
8. Organ of corti.
9. Conductive system of heart.
10. Digestion and absorption of lipids.
