

[LP 1019]

OCTOBER 2019

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. Define anemia. List the various types of anemia. Write in detail about the causes, clinical symptoms and signs with the investigations and management of iron deficiency anemia. Add a note on the preventive measures for anemia in school children.
2. What is Jaundice? Describe in elaborate the different type, causes, clinical presentation and treatment of jaundice. Add a note on liver function tests.

II. Write notes on:

(10 x 6 = 60)

1. Blood grouping and Cross matching.
2. Active transport across the cell membrane.
3. Dietary recommendations and Exercise for hypertensive patients.
4. Respiratory centres.
5. Measurement of body fluids.
6. Hormones regulating serum calcium.
7. Optics of vision.
8. Non excretory functions of kidney.
9. Neuroendocrine reflex.
10. Theories of ageing.
