

[LK 0517]

MAY 2017

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. Name the regulatory centres of respiration. Write in detail the chemical regulation of respiration.
2. What is anaemia? Describe in detail classification of anaemia. Add a note on Iron deficiency anaemia.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Name the anterior pituitary hormones. Add a note on cushing's syndrome.
2. Intestinal motility.
3. Auditory pathway.
4. Descending tracts of spinal cord.
5. Phases of cardiac cycle.
6. Heart sounds.
7. Blood groups.
8. Resting membrane potential.
9. Functions of kidney.
10. Active transport.

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