

[LL 1017]

OCTOBER 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. What is erythropoiesis? Describe in detail about the stages and the factors regulating erythropoiesis. Add a note on nutritional anemia.
2. Define blood pressure. Write in elaborate about the factors affecting, regulating and control of blood pressure.

**II. Write notes on:**

**(10 x 6 = 60)**

1. ABO blood groups.
2. Pacemaker and conductive tissues of heart.
3. Mechanics of ventilation.
4. Functions of liver.
5. Constituents of urine.
6. Synaptic transmission.
7. Structure and functions of internal ear.
8. Active transport.
9. Actions and regulation of growth hormone.
10. Male contraceptive methods.

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