

[LN 1018]

OCTOBER 2018

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 Haemostasis? Describe in detail about the Extrinsic & Intrinsic pathways of blood coagulation.
2. Discuss in detail about oxygen transport mechanism in the human body.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Physiological actions of growth hormone.
2. Functions of saliva.
3. Taste pathway.
4. Origin, course and termination of pyramidal tract.
5. Factors determining cardiac output.
6. Normal ECG tracing.
7. Erythroblastosis foetalis.
8. Structure of a Nephron.
9. Functions of Mitochondria.
10. Female contraceptive methods.

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