

(LD 1232)

Sub. Code:1232

**FIRST B.H.M.S. DEGREE EXAMINATION - AUGUST 2013**

**Paper – V PHYSIOLOGY - I**

*Q.P.Code: 581232*

**Time: Three Hours**

**Maximum: 100 marks**

**ANSWER ALL QUESTIONS**

**I. Essay Questions:**

**(2X15=30)**

1. Define Blood Coagulation, Describe the mechanisms involved in coagulation and the factors influencing it.
2. Define Arterial Blood Pressure. Describe the nervous regulation of Arterial Blood Pressure.

**II. Short Notes:**

**(10X5=50)**

1. Lewis Triple Response
2. Odema
3. ABO blood groups
4. Functions of Reticuloendothelial system
5. Functions of Skin
6. Properties of cardiac muscle
7. Decompression sickness
8. Periodic breathing
9. Arrhythmia
10. Hypoxia –Classification and its Causes.

**III. Short Answers:**

**(10X2=20)**

1. Respiratory unit
2. Plasma proteins
3. Pneumothorax
4. VO<sub>2</sub> max
5. Angina pectoris
6. Marey's reflex
7. Gap junctions
8. Lymph
9. Anticoagulants
10. Purpura

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