

[LP 1504]

OCTOBER 2019

Sub. Code: 1504

**FIRST B.H.M.S. DEGREE EXAMINATION**  
(New Regulation – From 2015-2016 Batch onwards)

**PAPER IV – PHYSIOLOGY - I**

*Q.P. Code : 581504*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Essay Questions:**

**(2 x 15 = 30)**

1. Define Anaemia and explain in detail about Haemolytic anaemia.
2. Define Glomerular filtration rate and explain in detail.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Layers of the skin.
2. Conductive systems of Heart.
3. Rh factor.
4. Phagocytosis.
5. Basal metabolic rate.
6. Properties of Cardiac Muscle.
7. Blood Volumes.
8. Oxygen dissociation curve.
9. Mechanics of Breathing.
10. Functions of Endoplasmic Reticulum.

**III. Short Answers on:**

**(10 x 2 = 20)**

1. Thrombocytopenia.
2. Myosin.
3. Plasma.
4. Functions of Spleen.
5. Diapedesis.
6. Membrane transport.
7. Surfactants.
8. Pulmonary Hypertension.
9. Define Haematopoiesis.
10. Different types of Pulse.

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