

[LK 1232]

FEBRUARY 2017

Sub.Code :1232

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER V – PHYSIOLOGY - I

Q.P. Code : 581232

Time: Three Hours

Maximum : 100 Marks

**Answer All questions
Draw diagram wherever necessary**

I. Essay Questions: (2 x 15 = 30)

1. Define coagulation of blood. Enumerate the factors involved in it and describe in detail the mechanism of coagulation.
2. Define cardiac output. Write in detail the factors affecting cardiac output and its variations.

II. Write Notes on: (10 x 5 = 50)

1. Factors essential for erythropoiesis.
2. Peculiarities of renal circulation.
3. Structure and functions of skin.
4. Visual pathway.
5. Hormonal regulation of blood pressure.
6. Nervous regulation of respiration.
7. Functions of plasma proteins.
8. Juxtaglomerular apparatus.
9. Rh incompatibility.
10. Tests for hearing.

III. Short Answers on: (10 x 2 = 20)

1. Cell membrane.
2. Types of immunity.
3. Normal count of red blood cells.
4. Taste buds.
5. Oedema.
6. Serum.
7. Dead space.
8. Tidal volume.
9. Bainbridge reflex.
10. Parts of nephron.
