

Q.P. Code: 114004

Reg. No.:.....

First BHMS Degree Regular/Supplementary Examinations October 2019

Physiology & Biochemistry I

(2015 Scheme)

Time: 3 hrs

Max marks: 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essay

(2x15=30)

1. What is coagulation. Name the coagulation factors and describe the mechanism of coagulation. (2+3+10)
2. Define cardiac output. Write one method for estimation of cardiac output. Discuss briefly the regulation of cardiac output. (2+5+8)

Short Essay

(5x8=40)

3. Rh blood group and pregnancy
4. Reabsorption of water by kidney
5. Filtering membrane in kidney
6. Respiratory centres
7. Lung volumes and capacities

Short notes

(10x3=30)

8. Juxta glomerular apparatus
9. Function of the skin
10. Cell functions
11. Diffusion
12. Hypoxic hypoxia
13. Arterial pulse
14. Pace maker of heart
15. Types of muscular contraction
16. Muscular tetanus
17. Reticuloendothelial system
