

Q.P. Code: 114004

Reg. No.:.....

First BHMS Degree Supplementary Examinations March 2020

Physiology & Biochemistry I

(2015 Scheme)

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answer*
- *Draw diagram wherever necessary*

Long Essay

(2x15=30)

1. What is haemoglobin. What are the different types of haemoglobin. What is the fate of haemoglobin. (2+5+8)
2. Define blood pressure. Mention the factors determining blood pressure. Briefly describe the regulation of blood pressure in the body. (2+5+8)

Short Essay

(5x8=40)

3. Classify WBC
4. Renin angiotensin system
5. Renal function tests
6. Mechanism of breathing
7. Changes in acclimatisation

Short notes

(10x3=30)

8. Glomerular filtration rate
9. Sweat glands
10. Apoptosis
11. Osmosis
12. Surfactant
13. Arterial pulse
14. Preload
15. Action potential of membrane
16. Sarcomere
17. Function of plasma protein
