

QP Code:103004

Reg.No.:.....

First BHMS Degree Examinations, February 2013

PHYSIOLOGY & BIOCHEMISTRY- PAPER I

Time: 3 Hours

Max Marks: 100

- Answer all the questions
- Draw diagrams wherever necessary

Essays: (2x10=20)

1. Deline blood pressure and mention its normal values. Explain the various regulatory mechanisms of blood pressure

2. Describe the mechanism involved in the formation of dilute and concentrated urine.

Short notes: (10x5=50)

3. Functions of spleen.

4 Coronary circulation in brief.

5.Peculiarities of pulmonary circulation.

6. Glomerular filtration rate.

7 Rods and cones.

8.Hypoxia.

9 Atherosclerosis.

10. Heart sounds.

11. Explain primary and secondary active transports with examples.

12. Auditory pathway.

Answer briefly (10x3=30)

13. Olfactory pathway.

14. Functions of platelets.

15. Packed cell volume.

16 Surfactant.

17. Vital capacity

18. Filtration pressure

19. Juxta glomerular apparatus.

20. Ossicular bones

21. Pernicious anemia.

22. Cortical nephrones.

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