

First BHMS Degree Supplementary Examinations, August 2014

PHYSIOLOGY & BIOCHEMISTRY- PAPER I

Time: 3 Hours

Max Marks: 100

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Essays: **(2x10=20)**

1. Describe the respiratory centers and explain the nervous regulation of respiration.
2. Define blood pressure and explain the factors regulating the blood pressure.

Short notes: **(10x5=50)**

3. Heart sounds
4. Bloods groups and its importance
5. Anemia and its classification
6. Visual pathway
7. Thermostasis
8. Renal function tests
9. Haemostasis
10. Conductive system of heart
11. Asphyxia
12. Deafness and tests for hearing.

Answer briefly: **(10x3=30)**

13. Juxtaglomerular apparatus
14. Diffusion
15. Macrophage
16. Platelets
17. Lymph node
18. Organ of corti
19. Vital capacity
20. Cardiac murmurs.
21. Cystometrogram.
22. Endoplasmic reticulum.