

QP Code:1304

Reg. No.:.....

First BHMS Degree Examinations, March 2012
PHYSIOLOGY & BIOCHEMISTRY- PAPER I

Time:3 Hours

Max Marks: 100

- Answer all the questions
- Draw diagrams wherever necessary

Essay: (2x10=20)

1. Explain the different phases of erythropoiesis in detail. What are the factors affecting erythropoiesis.
2. Define cardiac cycle. With neat and labeled diagram explain the different phases of cardiac cycle

Short Notes: (10X5=50)

3. Counter current mechanism
4. Determinants of blood pressure
5. Chemical regulation of respiration
6. Errors of refraction
7. Neutrophils
8. Heart sounds
9. Glomerular filtration
10. Sodium re-absorption from renal tubules
11. Blood groups-ABO system
12. Anaemia

Answer briefly: (10x3=30)

13. Respiratory quotient
14. Plasma clearance
15. Middle ear
16. Eosinophilia
17. Apex beat
18. Chemotaxis
19. Fibrinogen
20. Systolic pressure
21. Histotoxic hypoxia
22. Acclimatization