

Q.P. Code. 214005 (New Scheme)

Reg. No:.....

**Second Professional B.S.M.S Degree Supplementary Examinations
March 2019**

Udal Thathuvam - Paper II (Physiology)

(2013 Scheme)

Time: 3 Hrs

Max. Mark: 100

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

Essay:

(2x10=20)

1. Describe in detail about phases and events of cardiac cycle.
2. Describe about functions of hypothalamus.

Short Notes:

(10x5=50)

3. Homeostasis
4. Neuromuscular junction
5. Renal function tests
6. Functions of posterior pituitary hormone
7. Functions of saliva
8. Functions of liver
9. Surfactant
10. Exchange of respiratory gases
11. Travelling wave
12. Functions of adrenal medullary hormone.

Answer Briefly:

(10x3=30)

13. Functions of Hb
14. Erythrocyte sedimentation rate
15. Coagulation of blood
16. Blood groups.
17. Functions of spleen
18. Renal threshold
19. Functions of skin
20. Female sex hormone
21. Menopause
22. Fertilization.
