

**Q.P.Code. 107005**

**Reg.No:.....**

**FIRST PROFESSIONAL B.S.M.S. DEGREE EXAMINATIONS, FEBRUARY 2013**

**UDAL THATHUVAM PAPER – II (PHYSIOLOGY)**

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

**Time : 3 Hrs**

**Max.Mark : 100**

**Essay :**

**(2x10=20)**

1. Explain the sequence of clotting mechanism.
2. Mention the ovarian hormones .Discuss the functions of estrogen.

**Short notes :**

**(10x5=50)**

3. Special transport of cell transport.
4. Sarcotubular system.
5. Properties and functions of saliva.
6. Deglutition.
7. Functions of juxtaglomerular apparatus.
8. Pituitary hormones and their important functions.
9. Manifestations of circulatory shock.
10. Pathway of taste.
11. Memory.
12. Types of sleep.

**Answer Briefly :**

**(10x3=30)**

13. Types of ribosomes.
14. Channel proteins.
15. Properties of skeletal muscle.
16. Belching.
17. Glands of skin.
18. Action of calcitonin.
19. Effects of haemorrhage.
20. Sinus arrhythmia.
21. Define learning.
22. Functions of autonomic nervous system..

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