

**Q.P. Code: 224005**

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

**Second Professional B.S.M.S Degree Regular/Supplementary Examinations  
September 2023**

**Udal Thathuvam Paper – II (Physiology)**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Mark: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(2x10=20)**

1. Explain in detail events and phases of cardiac cycle
2. Explain posterior pituitary hormones. It's source of secretion, chemistry, synthesis, actions, mode of action, regulation of secretion in detail.

**Short notes:**

**(10x5=50)**

3. Golgi apparatus
4. Functions of blood
5. Erythroblastosis foetalis
6. Regulation of body temperature
7. Functions of Thyroid Hormones.
8. Iron metabolism
9. Stages of erythropoiesis
10. Signs and symptoms of anemia
11. Visual pathway
12. Functions of Saliva

**Answer Briefly:**

**(10x3=30)**

13. Structure of DNA
14. Apoptosis
15. Cyanosis
16. Composition of CSF
17. Respiratory membrane
18. Jaundice.
19. Hypermetropia
20. Neuroglia
21. All or None Law
22. Synapse

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