

Q.P. Code: 224005

Reg. No:

**Second Professional B.S.M.S Degree Regular/Supplementary Examinations
April 2022**

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. How are the heart sounds produced. What are the normal heart sounds heard and mention its timings
2. Describe the synthesis, storage, transport, functions, regulation and secretion of thyroid gland

Short notes:

(10x5=50)

3. Erythropoiesis
4. Colour blindness
5. Insulin
6. Explain about lung volumes
7. Synapse and its properties
8. Acid base balance
9. Spermatogenesis
10. Functions of small intestine
11. Functions of skin
12. Explain about hypertonia

Answer Briefly:

(10x3=30)

13. Action of calcitonin
14. Pheromones
15. Factors necessary for hemoglobin formation
16. Atrial Flutter
17. Sertoli cells
18. Nephron.
19. Define glaucoma
20. Starling Law of muscles
21. Broca`s area
22. Apoptosis
