

Q.P. Code: 224005

Reg. No:

**Second Professional B.S.M.S Degree Supplementary Examinations
November 2021**

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. Describe the various events of cardiac cycle.
2. Explain the source of secretion, half-life, regulation and action of posterior pituitary hormones.

Short notes:

(10x5=50)

3. Functions of cortico cerebellum.
4. Visual pathway.
5. Cardiac murmurs.
6. Synthesis of thyroid hormones.
7. Positive and negative feedback with examples.
8. Transport of carbondioxide as bicarbonate.
9. Micturation reflex.
10. Renin angiotensin mechanism.
11. Properties and functions of platelets.
12. Secretion of gastric juice.

Answer Briefly:

(10x3=30)

13. Aldosterone escape.
14. Functions of cerebro spinal fluid.
15. Ventilation perfusion ratio.
16. Wilson disease.
17. Land steiner law.
18. Name the contractile proteins of muscle.
19. Actions of trypsin.
20. Glomerular filtration rate.
21. Define spermatogenesis and name its stages.
22. Functions of corpus luteum.
