

Q.P. Code: 224005

Reg. No:

Second Professional B.S.M.S Degree Supplementary Examinations March 2020

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. Cardiac cycle
2. Physiology of thyroid gland

Short notes:

(10x5=50)

3. Erythropoiesis
4. Neuronal synapse
5. Movements of small intestine
6. Properties of cardiac muscle
7. Neural regulation of respiration
8. Visual pathway
9. Innate immunity
10. Functions of oxytocin and its applied aspects
11. Surfactant
12. Micturition reflex

Answer Briefly:

(10x3=30)

13. Facilitated diffusion
14. Frank Starling's law
15. Goitre
16. Jaundice
17. Structure of nephron
18. Compliance
19. Second messenger
20. Reflex arc
21. Hypermetropia
22. Erythroblastosis foetalis
