

Q.P. Code: 224005

Reg. No:

**Second Professional B.S.M.S Degree Supplementary Examinations
October 2025**

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. Give a detailed account of erythropoiesis
2. Gaseous Exchange – Explain about the exchange of Respiratory Gasses

Short notes:

(10x5=50)

3. Name the salivary glands and write their functions
4. Describe the enterohepatic circulation
5. Briefly explain the Juxtra Glomerular Apparatus
6. Write the composition and functions of Bile
7. Describe about the plasma proteins
8. Describe the mechanism of micturation
9. Describe the functions and mechanism of action of insulin
10. Write a note on A, B, O- blood group
11. Adrenal hormones
12. Write about regulation of body temperature

Answer Briefly:

(10x3=30)

13. Define corpus Luteum
14. What is dead space and write its types
15. Define Glomerular filtration rate
16. Write the functions of progesterone
17. What is Myopia
18. Define – Peristalsis
19. Write the functions of Rod and Cone Cells
20. Write briefly about 2nd heart sound
21. Define residual volume
22. Define Osmosis
