

QP Code: 221006

Reg. No.....

**Second Semester B. Pharm Degree Supplementary Examinations
February 2025**

**Human Anatomy and Physiology II
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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. With a neat labelled diagram, explain the anatomy of female reproductive system. What are the functions of oestrogen, progesterone, inhibin and relaxin.
2. Describe the anatomy of the small intestine. Explain the processes of mechanical and chemical digestion in the small intestine.

Short Notes

(7x5=35)

3. Describe the mechanism of hormonal action.
4. Explain the anatomy and physiology of cerebellum.
5. What are the three major salivary glands. Explain the composition and functions of saliva.
6. Explain the mechanism of inhalation (inspiration).
7. Explain the physiology of urine formation.
8. Explain the role of RAS in maintenance of blood pressure.
9. What is Spermatogenesis.

Answer Briefly

(10x2=20)

10. What is the function of vagus nerve.
11. List out the functions of CSF.
12. Name any two carbohydrate digesting enzymes in the small intestine.
13. What type of epithelial tissue is present in the inner lining of the mouth.
14. Define BMR and mention its significance.
15. What is pleural membrane.
16. What is cretinism and myxedema.
17. Define micturition.
18. Name the hormones released by adrenal medulla.
19. Define transcription and translation.
