

QP Code: 221006

Reg. No.....

**Second Semester B. Pharm Degree Supplementary Examinations  
August 2023**

**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. Explain the various neurohormonal mechanisms involved in the regulation of stomach acid secretion
2. Explain the anatomy of respiratory system and write a note on regulation of respiration

**Short Notes**

**(7x5=35)**

3. Meninges
4. Explain the functions of kidney
5. Spermatogenesis
6. Explain the physiological functions of estrogen
7. Mention the hormones of thyroid gland and write their functions
8. GI disorders
9. Explain the various parts of a neuron

**Answer Briefly**

**(10x2=20)**

10. Hyperpolarization
11. Microglia
12. Functions of large intestine
13. Functions of salivary glands
14. Vital capacity
15. Functions of thymus
16. Parturition
17. Fertilization
18. Genetic inheritance
19. Testosterone

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