

QP Code: 221006

Reg. No.....

**Second Semester B. Pharm Degree Regular/Supplementary  
Examinations January 2024**

**Human Anatomy and Physiology II  
(Common for 2017 and 2022 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 labeled diagram explain the L.S of Stomach and its functions
2. Explain the structure and functions of pituitary gland.

**Short Notes**

**(7x5=35)**

3. Anatomy and function of salivary gland.
4. Structure of neuron.
5. Transport of Respiratory gases.
6. Spermatogenesis.
7. Micturition reflex.
8. Role of ATP.
9. Genetic pattern of inheritance.

**Answer Briefly**

**(10x2=20)**

10. Define action potential.
11. Functions of cerebrospinal fluid.
12. Role of liver in metabolism.
13. Inspiratory reserve volume.
14. List out the hormones of Pancreatic gland.
15. Phases of menstruation cycle.
16. Muscles involved in respiration.
17. Different phases of secretion of gastric juice.
18. Mention the disorders of kidney.
19. List out the methods of artificial respirations.

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