

QP CODE: 101326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
August 2025**

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 70

- *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

(3x10=30)

1. Describe the structural and functional areas of cerebrum.
2. What are the hormones secreted by the pituitary gland. Discuss the regulation of secretion and physiological functions of any two pituitary hormones.
3. Draw a neat labeled diagram of eye and explain the physiology of vision.

Short notes:

(8x5=40)

4. Explain the functions of plasma membrane.
5. Explain the differences among skeletal, smooth and cardiac muscle.
6. Write any eight functions of blood.
7. Explain systemic and pulmonary circulation.
8. Write composition and functions of gastric juice.
9. Role of kidney in maintaining acid-base balance.
10. Write a note on menstrual cycle.
11. Write about the physiology of skeletal muscle contraction.
