

QP CODE: 101326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
September 2024**

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. What is cardiac cycle. Explain the various events of cardiac cycle.
2. Discuss in detail about the digestion and absorption of carbohydrates, proteins and fats in the small intestine.
3. Give details on synthesis, storage and release of thyroid hormones and add a note on functions of thyroxine.

Short notes:

(8x5=40)

4. Classify joints with examples.
5. Describe the functions of cerebrum.
6. Explain the physiology of vision.
7. Give a note on the steps involved in the formation of urine.
8. Explain the physiology of skeletal muscle contraction.
9. Give the structure and functions of spleen.
10. Menstrual cycle.
11. Describe the functions of blood.
