

QP CODE: 101326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
February 2023**

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 are tissues. Classify tissues with suitable examples. Explain the functions of epithelial tissues. (1+3+6)
2. Write the composition blood groupings and functions of blood. (3+3+4)
3. With a neat labelled diagram explain the anatomy of stomach and explain the functions of pancreatic secretions. (6+4)

Short notes:

(8x5=40)

4. Write and explain reflex arc
5. Explain the process of urine formation
6. Name hormones of adrenal gland and list out the functions of any one hormone
7. Name various contraceptive devices and explain the mechanism of oral contraceptives.
8. Draw a neat labelled diagram of ear
9. Discuss any three diseases of muscle disorders
10. Explain the respiration and CVS in exercises
11. Physiology of vision
