

QP CODE: 101326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
February 2021**

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. Explain the structure of the cell. Describe the cell components and their functions
2. Draw a neat labeled diagram of neuron and explain its functions. Add a note on the importance of thalamus.
3. List out the pituitary hormones and explain their functions.

Short notes:

(8x5=40)

4. Structure and functions of taste buds
5. Types of joints
6. Functions of spleen
7. Exocrine secretions of pancreas
8. Structure of spinal cord
9. Functions of RBC and platelets
10. Renin-angiotensin-aldosterone system
11. Spermatogenesis
