

2012 Scheme

QP CODE: 114006

Reg. No:

First Year B. Pharm Degree Supplementary Examinations June 2025 Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 100

- *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*

Essay

(3x10=30)

1. Explain the mechanism and regulation of respiration. Add a note on artificial respiration
2. Draw a neat labelled diagram of a nephron and explain the physiology of urine formation
3. Draw a neat labelled diagram of the digestive system and explain the functions of the liver

Short notes

(14x5=70)

4. Mechanism of coagulation. What are clotting disorders
5. Classify joints. Write a note on the types of movements
6. Write a note on digestion, absorption and movements of the intestine
7. Physiology of menstruation
8. Thyroid hormones and their functions
9. Functions of cerebrum and hypothalamus
10. Divisions of the autonomic nervous system. Add a note on neurotransmitters
11. Structure and functions of the eye
12. Regulation of blood pressure
13. Draw the diagram of a synovial joint and mention its functions
14. Composition and functions of blood
15. Note on a) Cell communication b) homeostasis
16. Electrophysiology of muscle
17. Physiology of hearing
