

QP Code: 121006

Reg. No.....

**First Semester B. Pharm Degree Supplementary Examinations
October 2023**

**Human Anatomy and Physiology
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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

(2x10=20)

1. Discuss the structure of the outer, middle and inner parts of the ear.
2. Explain in detail about composition and functions of blood.

Short Notes

(7x5=35)

3. Discuss with neat labeled diagram the structure of cell membrane.
4. Differentiate between skeletal muscle and cardiac muscle tissue.
5. Explain the structure and functions of lymph node.
6. Discuss the significance of somatic and reproductive cell division.
7. Name the bone of skull and function of skull.
8. Differentiate between sympathetic and parasympathetic nervous system.
9. Hypertension.

Answer Briefly

(10x2=20)

10. Significance of ECG.
11. Define haemophilia and leukemia.
12. Name the bones of upper limb.
13. Define anatomy and physiology.
14. Functions of nucleus.
15. Mention the parts of eye.
16. Functions of skin.
17. Myocardial infarction
18. Mention physiological properties of skeletal muscle.
19. Classify nervous system.
