

QP Code: 121006

Reg. No.....

**First Semester B. Pharm Degree Regular/Supplementary  
Examinations September 2022  
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. Explain the mechanism and factors that influence coagulation.
2. Define cardiac cycle and explain the principle events.

**Short Notes**

**(7x5=35)**

3. Discuss the function of Ribosome and lysosomes.
4. Classify joints with examples.
5. Explain epithelial tissue.
6. Discuss structure and function of skin.
7. Explain active transport system across the cell membrane.
8. Muscle contraction.
9. Describe about physiology of hearing.

**Answer Briefly**

**(10x2=20)**

10. Define cytology.
11. Functions of mitochondria.
12. Characteristics of connective tissue.
13. Mention the bones of lower limb.
14. Define hypertension and atherosclerosis.
15. Functions of thymus gland.
16. Define parasympathetic and sympathetic nervous system.
17. Homeostasis in biology.
18. Define megaloblastic anemia.
19. Retinoblastoma and glaucoma.

\*\*\*\*\*