

QP Code: 121006

Reg. No.....

**First Semester B. Pharm Degree Supplementary Examinations
August 2024**

**Human Anatomy and Physiology I
(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 processes of blood clotting
2. Describe the mechanisms that regulate blood pressure

Short Notes

(7x5=35)

3. List out the bones of the axial and appendicular skeleton
4. Write a note on Electrocardiogram (ECG)
5. Components of plasma and the functions of plasma proteins
6. Discuss the different heart sounds
7. Discuss about the organs of lymphatic system
8. Explain physiology of gustation and the gustatory pathway
9. Discuss types of synovial joint

Answer Briefly

(10x2=20)

10. Haemophilia
11. Erythroblastosis fetalis
12. Types of bone
13. Sweat glands
14. Nervous tissue
15. Types of blood cells
16. Internal ear
17. Retina
18. Cardiac cycle
19. What is Rh factor. Give its significance
