

**QP Code: 121006**

**Reg. No.....**

**First Semester B. Pharm Degree Regular/Supplementary  
Examinations April 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 neat structure of skull bone, their joints and its functions
2. Classify the tissue. Mention the types of connective tissue, their location and functions

**Short Notes**

**(7x5=35)**

3. Explain the process of erythropoiesis and mention the role of erythropoietin
4. Neuromuscular junction
5. Functions of parasympathetic nervous system
6. Types of synovial joint
7. Blood groups and their importance.
8. Discuss the details of cell communication
9. Mechanism of coagulation

**Answer Briefly**

**(10x2=20)**

10. What are rods and cones
11. Functions of neurons
12. Characteristics features of muscular tissues
13. Blood disorders
14. Homeostasis
15. Name the disorders of vitamin K and iron
16. Heart valves types
17. Classification of bones with example
18. Diseases of the eye
19. Types of cartilage

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