

QP Code: 121006

Reg. No.....

**First Semester B. Pharm Degree Supplementary Examinations
June 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. Enumerate the cellular components of blood and their functions. Add a note on iron deficiency anemia
2. Explain the neat structure of skull bone, their joints and its functions

Short Notes

(7x5=35)

3. Blood grouping and its significance
4. Circulatory system of heart
5. Draw the structure of human skin with label
6. Scapula
7. Discuss the transport systems across the cell membrane
8. Mechanism of coagulation
9. Types of synovial joint.

Answer Briefly

(10x2=20)

10. Define cardiac output
11. Functions of mitochondria
12. Describe the physiology of vision
13. Auditory ossicles
14. Structure of lymph node and its function
15. Cervical segment of vertebral column
16. Functions of vein
17. Disorders of heart
18. Parts of lower limb
19. Types of leucocytes
