

QP Code: 121006

Reg. No.....

**First Semester B. Pharm Degree Regular/Supplementary
Examinations June 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. Describe the interior structure of heart with its conducting system.
2. Draw a neat labelled diagram of eye and explain the physiology of vision.

Short Notes

(7x5=35)

3. Discuss the structure of cell with its characteristic feature.
4. The nervous tissue.
5. Explain the fibrous and cartilaginous joint.
6. Discuss the blood groups with Rh factor.
7. The composition, formation and function of lymph.
8. Discuss the effect of stimulation of parasympathetic nerves on various organs in ANS.
9. Explain the bones of the skull.

Answer Briefly

(10x2=20)

10. Radial pulse.
11. Angina pectoris.
12. List out the cranial nerves.
13. Functions of skin.
14. Composition of tissue fluids.
15. Structure of voluntary muscle.
16. Passive transport in cell membrane.
17. Composition of plasma.
18. Sarcomere.
19. Ball and socket joint.
