

2012 Scheme

QP CODE: 114006

Reg. No:

First Year B. Pharm Degree Supplementary Examinations March 2022 Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 100

- 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

(3x10=30)

1. Explain in detail about the electrophysiology of muscle
2. Discuss the mechanism of clotting
3. Define cardiac cycle, explain in detail about cardiac cycle

Short notes

(14x5=70)

4. Explain ion channels
5. Explain the characteristics and functions of connective tissue
6. Appendicular skeleton
7. Write the composition and functions of blood
8. Describe the factors affecting blood pressure
9. Discuss anatomy and functions of liver
10. Define Tidal volume, inspiratory reserve volume, residual volume and functional residual capacity
11. Explain the difference between sensory neuron and motor neuron
12. Draw a neat labelled diagram of Kidney
13. Sex hormones
14. Describe adrenal gland
15. Explain the anatomy of tongue
16. Define peptic ulcer, pancreatitis, bronchitis, diabetes mellitus, goiter
17. Discuss structure and functions of the Medulla oblongata
