

2012 Scheme

QP CODE: 114006

Reg. No:

First Year B. Pharm Degree Supplementary Examinations August 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. Enlist the conducting elements of heart and explain the conduction system
2. Write the synthesis, storage, release and functions of thyroid hormones
3. Discuss menstrual cycle

Short notes

(14x5=70)

4. Explain the role of second messenger in cell.
5. Explain the characteristics and functions of epithelial tissue.
6. Define osteoarthritis, rheumatoid arthritis, gout, and hypothyroidism.
7. Structure and functions of lymph node
8. Describe acid-base balance
9. Write the actions of digestive system
10. Enlist the cranial nerves, write the functions of any five cranial nerves
11. Write the role of parathyroid gland in calcium homeostasis
12. Discuss the anatomy of ear
13. Explain gases exchange in respiratory system
14. Describe the importance of blood transfusion
15. Micturition reflex
16. Classify neurons, draw a neat diagram of neuron
17. Write the factors affecting cardiac output
