

2012 Scheme

QP CODE: 114006

Reg. No:

First Year B.Pharm Degree Supplementary Examinations

November 2019

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the structure of heart and give details about circulation of heart.
2. Explain the digestion of carbohydrates, proteins and fats.
3. Explain in detail the different functional areas of cerebrum with its functions

Short notes

(14x5=70)

4. Define homeostasis. Explain how feedback system controls the homeostasis.
5. Explain the anatomy of eye
6. Describe the microscopical structure of bone.
7. Draw a structure of skin and describe its parts.
8. What are the functions of medulla oblongata and pons
9. What is joint. Classify joints with examples.
10. Draw a neat labelled diagram of a cell and explain its function.
11. Explain the transportation of carbon dioxide through respiratory system and blood.
12. Define action potential and explain its conduction through skeletal muscle
13. Explain the events of menstrual cycle.
14. Explain the structure of respiratory tract with a neat labelled diagram.
15. Define the following
 - Myocardial infarction • Pneumonia • Mumps • Appendicitis • Crohn's disease.
16. What is pancreas. Explain its dual gland functions.
17. Explain renin-angiotensin-aldosterone system.
