

QP CODE: 101326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
December 2017**

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define cardiac cycle and explain different phases of cardiac cycle.
2. What is reflex arc. Describe the structure, components and types of reflex arc.
3. Describe the processes of glomerular filtration, active secretion and tubular reabsorption.

Short notes:

(8x5=40)

4. Mechanism of blood clotting
5. Types and structure of connective tissue
6. Structure of respiratory tract
7. Physiology of small intestine
8. Functions of sympathetic nervous system
9. Role of kidney in acid-base regulation
10. Contraceptive devices
11. Structure and function of inner ear
