



[KZ 4253]

Sub. Code: 4253

**FIRST B.PHARM. EXAMINATION**

**Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION**

***Q.P. Code : 564253***

**I. LONG ESSAYS**

**(2 x 20 = 40)**

1. With a neat diagram explain the Anatomy of the Heart. Explain the cardiac cycle.
2. Explain the structure of the kidney with a neat labeled diagram. Discuss the functions of kidney.

**II. SHORT NOTES**

**(8 x 5 = 40)**

1. Explain the anatomy of respiratory tract.
2. Discuss the various stages of menstrual cycle.
3. Write note on blood grouping and its significance.
4. Discuss the various methods of family planning.
5. Describe the physiology of audition.
6. Discuss the physiology and functions of thyroid gland.
7. Explain the preventive measures and treatment of vitamin deficiency disorders.
8. Write a note on cranial nerves and their functions.

**III. SHORT ANSWERS**

**(10 x 2 = 20)**

1. Types of cells
2. Define spermatogenesis and oogenesis.
3. Functions of skeleton
4. What is cyanosis?
5. Causative agents and modes of transmission of chicken pox and measles.
6. What is blood pressure?
7. Composition of lymph.
8. What is reflex arc?
9. What are the various heart sounds?
10. What is a balanced diet?

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