



(LK 4253)

**FEBRUARY 2017**

Sub Code: 4253

**B.PHARM. EXAMINATION**

**FIRST YEAR**

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

*Q.P. Code : 564253*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Explain the role of platelets on Hemostasis.  
b) Explain the mechanism of coagulation.
2. a) Explain Ovulation.  
b) Outline the various events of menstrual cycle.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Describe various types of muscular tissues.
2. Write a note on reticuloendothelial system and its functions.
3. Describe briefly the chambers of heart.
4. Write a note on lung volumes.
5. Describe the structure and functions of stomach.
6. Formation, circulation and composition of lymph.
7. Describe the physiology of vision.
8. Write a note on poisoning and first aid given for poisoning.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Define blood pressure and write its normal value.
2. Glomerular filtration.
3. Mention any four communicable diseases with their causative agents.
4. Permanent family planning methods.
5. Bones of skull.
6. Action potential.
7. Electrocardiogram.
8. Cough reflex.
9. Mention the functions of liver.
10. Fate of RBC.

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