



(LF 4253)

AUGUST 2014

Sub Code: 4253

**FIRST B.PHARM. EXAM**  
**PAPER III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION**

*Q.P. Code : 564253*

**Time: Three hours**

**Maximum: 100 marks**

**Answer All Questions**

**I. Essay:**

**(2X20=40)**

1. Discuss the anatomy of respiratory organs with neat labeled diagram and explain the mechanism of respiration.
2. Draw a neat sketch of cross section of eye and label the parts. Explain the physiology of vision.

**II. Short Notes:**

**(8x5=40)**

1. Cerebro spinal fluid and its function.
2. Enumerate the communicable diseases and discuss the prevention of TB and Malaria.
3. Write the composition of functions of blood.
4. Give the classification of connective tissue. What are its functions?
5. Classify joints. Add a note on ball and socket joint
6. Explain the physiology of heart.
7. Write notes on spermatogenesis.
8. State the functions of hypothalamus.

**III. Short Answers:**

**(10x2=20)**

1. Cardiac cycle.
2. Tidal volume
3. Functions of ANS
4. Anaemia
5. Functions of WBC
6. Blood pressure
7. Functions of skin
8. AIDS
9. Nephrons
10. Balanced diet

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