

[LD 807]

**OCTOBER 2013**  
**PHARM. D DEGREE EXAMS**  
**SECOND YEAR**  
**PAPER I – PATHOPHYSIOLOGY**  
*Q.P. Code : 383807*

**Sub. Code: 3807**

**Time : 3 hours**

**Maximum : 70 marks**

**I. Elaborate on :**

**(2x20=40)**

1. a) Define Malaria. Explain in detail the life cycle of malaria.  
b) Causes, clinical manifestation and pathogenesis of typhoid.
2. a) What is Hepatitis? Discuss in detail the types of hepatitis  
b) Pathogenesis of ulcerative colitis.

**II. Write notes on :**

**(10x3=30)**

1. Pathogenesis of peptic ulcer
2. Mechanism of parkinsonism
3. Types of stroke and its pathophysiology
4. Define congestive cardiac failure and add a note on its pathophysiology
5. Mechanism and stages of shock
6. Differentiate benign and malignant tumor
7. Pathophysiology of chronic renal failure
8. Pathogenesis of Chronic obstructive airway disease
9. Pathophysiology of Asthma
10. Biological effects of radiations.

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