

**QP CODE:201326**

**Reg.No: .....**

Second Year Pharm D Degree Supplementary Examinations -  
February 2015

**Pathophysiology**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Explain in detail mechanism of auto immunity and add a note on HIV infection.
2. What are metabolic disorders. Explain pathogenesis of type I diabetes mellitus.
3. Discuss the various vitamin deficiency disorders

**Short notes**

**(8x5=40)**

4. Explain pathophysiology of myocardial infarction
5. Discuss the etiology and pathogenesis of malaria.
6. Describe type I hyper sensitivity reactions.
7. Explain transplantation antigens.
8. Explain the metastasis of cancer.
9. Explain pathogenesis of tuberculosis.
10. Auto immune disorders.
11. Explain physiological role of lipoproteins.

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