

**QP CODE:201326**

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

Second Year Pharm D Degree Supplementary Examinations –

January 2017

**Pathophysiology**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Explain in detail the histological diagnosis of malignancy. Add a note on invasions & metastasis of cancer cells and explain the etiology of cancer.
2. Describe in detail the pathophysiology of atherosclerosis. Explain the types and pathophysiology of stroke
3. Discuss in detail the pathogenesis, symptoms and associated complications of diabetes mellitus.

**Short notes**

**(8x5=40)**

4. What are sexually transmitted diseases. Explain in short the pathophysiology of gonorrhoea.
5. Inflammatory bowel diseases and its pathophysiology.
6. Pathophysiology of parkinsonism.
7. Pathogenesis of obesity.
8. Define congestive cardiac failure. Add a note on pathophysiology of congestive cardiac failure.
9. Pathophysiology of chronic renal failure.
10. Etiology and pathogenesis of hypertension.
11. Glycogen storage diseases.

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