

**QP CODE: 201326**

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

**Second Year Pharm D Degree Supplementary Examinations  
December 2018**

**Pathophysiology**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Define inflammation and explain the major events of inflammatory process.
2. Describe about wound healing process and factors affecting wound healing.
3. Classify tumors and explain the pattern of spread in malignant tumors.

**Short notes**

**(8x5=40)**

4. Explain the mechanism of hypovolemic shock.
5. Explain the pathogenesis of reversible cell injury.
6. Add a note on the biological effects radiation.
7. Discuss on mode of transmission, etiology and symptoms of tuberculosis.
8. Write short notes on hypersensitivity reactions
9. Explain the pathogenesis and clinical symptoms of asthma.
10. Describe glycogen storage diseases.
11. Draw a neat labeled diagram of AIDS virus; add a note on the preventive measure for AIDS.

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