

**Second Year B.Pharm Degree Supplementary Examinations  
December 2017  
Pathophysiology & Health Education  
(2012 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagram wherever necessary.

**Essay**

**(3x10=30)**

1. Discuss the pathogenesis of acute inflammation in detail.
2. Explain the etiology and pathogenesis of cancer. What are the characteristic features that differentiate benign and malignant neoplasms.
3. Discuss pathogenesis of hypertension and angina pectoris.

**Short notes**

**(14x5=70)**

4. Demographic cycle.
5. Hepatic disorders.
6. Factors affecting wound healing.
7. Pathophysiology of peptic ulcer.
8. Balanced diet.
9. Define health. Add a note on indicators of health.
10. Nutritional deficiency disorders.
11. Pathophysiology of diabetes mellitus.
12. AIDS and HIV.
13. Pathophysiology of congestive heart failure.
14. Large scale purification of water.
15. Write note on causative agent, mode of transmission, symptoms and prevention of chickenpox.
16. First aid treatment for burns.
17. Intrauterine contraceptive devices.