

**Second Year B.Pharm Degree Supplementary Examinations**  
**June 2019**

**Pathophysiology, Health Education & Community Pharmacy**  
**(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Explain the etiology and pathogenesis of neoplasm. Differentiate between benign and malignant neoplasm.
2. Causative organism, mode of transmission, sign, symptoms and prevention of malaria. Causes, clinical manifestation and pathogenesis of typhoid.
3. Elaborate on various types, aetiology, pathogenesis and symptoms of asthma.

**Short notes**

**(14x5=70)**

4. Explain the first aid for shock.
5. Classify angina. Write the etiology and pathogenesis of angina pectoris.
6. Briefly describe about chemical mediators of inflammation.
7. Cellular adaptations.
8. Explain the pathogenesis of acute inflammation.
9. Outline the pathophysiology of epilepsy.
10. What is the causative agent, mode of transmission, symptoms and prevention of cholera.
11. Explain water purification methods.
12. Define family planning. Explain various temporary methods of contraception.
13. Pathophysiology of AIDS.
14. Explain the process of wound healing.
15. Explain the etiological factors and pathogenesis of acute inflammation.
16. Arthropod borne diseases.
17. Explain the pathogenesis of rheumatoid arthritis.

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