

**PATHOPHYSIOLOGY, HEALTH EDUCATION & COMMUNITY  
PHARMACY (2010 SCHEME)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Describe the etiology and pathogenesis of cancer.
2. Describe the demography cycle and explain various methods of family planning.
3. Describe the etiology, pathophysiology and clinical significance of rheumatoid arthritis.

**Short notes**

**(14x5=70)**

4. Pathophysiology of peptic ulcer.
5. Explain different causative agents and clinical symptoms of viral hepatitis.
6. Explain the different preventive measures for diabetes mellitus.
7. Explain first aid emergency treatment of shock.
8. Causative agents, modes of transmission and prevention of poliomyelitis.
9. Explain the etiology and pathophysiology of epilepsy.
10. Intercellular alterations in carbohydrates.
11. Explain the different contraceptive methods.
12. Control of arthropod borne diseases.
13. Explain the etiology and clinical significance of depression.
14. Differentiate between atrophy and hypertrophy.
15. Cell derived mediators of inflammation.
16. Balanced diet.
17. Emergency treatment of burns.

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