

**(2012 Scheme)**

**PATHOPHYSIOLOGY & HEALTH EDUCATION**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagram wherever necessary.

**Essay**

**(3x10=30)**

1. Explain the intercellular alterations in lipids, carbohydrates and proteins of the cell
2. Describe etiology and pathophysiology of atherosclerosis and peptic ulcer.
3. Explain the pathogenesis of cancer and differentiate benign & malignant neoplasms.

**Short notes**

**(14x5=70)**

4. Chronic renal failure
5. Depression
6. Concept of disease
7. Balance diet and its importance
8. Specification for drinking water and its purification
9. Legal aspects of medical termination of pregnancy
10. Causative organism, symptoms and mode of transmission of rabies & malaria
11. Burns
12. Pathophysiology of gout
13. Principle of disease control and prevention
14. Prevention of cardiovascular disease
15. Apoptosis
16. Mediators of inflammation
17. Wound repair

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