

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

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the basic principles of cell injury and adaptation. Add a note on irreversible injury.
2. Describe the etiology, pathophysiology and clinical implications of acute renal failure.
3. What is meant by family planning. Discuss regarding the various contraceptive methods. Add a note on the salient legal aspects of medical termination of pregnancy.

Short notes

(14x5=70)

4. Give an account on the etiology and pathogenesis of cancer.
5. Etiology and pathophysiology of hypertension.
6. The pathogenesis and complications of angina pectoris.
7. What is balanced diet. Write an account on nutritional deficiency disorders.
8. List out the causative agents, modes of transmission and clinical features of AIDS.
9. Classify the different types of food requirements.
10. Sources of water supply and specifications to be fulfilled for drinking water.
11. Briefly discuss on the etiopathogenesis of depression.
12. Arthropod borne diseases.
13. Enumerate the causative agents, modes of transmission and clinical features of Hepatitis.
14. Give an account on fractures and resuscitation methods.
15. Emergency treatment of burns.
16. Enumerate the various treatment modalities of poisoning.
17. Give an account on the causes and pathogenesis of UTI.
