

**B. Pharm. Seventh Semester (C.B.S.) Examination**  
**CLINICAL PHARMACOTHERAPEUTICS—II**  
**Paper—4**

Time : Three Hours]

[Maximum Marks : 80

**N.B.** :— (1) Questions No. **1** is compulsory.(2) Attempt any **FOUR** questions from the remaining.

(3) Draw neat labelled diagrams wherever necessary.

1. (a) Explain in brief about open and closed angle glaucoma.
- (b) Discuss various routes of administration used in neonates.
- (c) Discuss the use of colony stimulating factors in cancers.
- (d) Discuss the role of immune mechanism in Pathophysiology of Psoriasis.
- (e) Explain, why opportunistic infections play a crucial role in AIDS.
- (f) Discuss macrovascular and microvascular complications in Diabetes Mellitus.
- (g) Discuss the brief pathogenesis of Pneumonia. 5×4=20
2. (a) Discuss Etiology, Symptoms, Pathogenesis and Treatment of Diabetes Mellitus. 10
- (b) Explain various types of Insulin preparations. 5
3. (a) Discuss types of Breast Cancers. Explain the choice of drug treatments used in Breast Cancers. 10
- (b) Discuss the treatment options available in Ovarian Cancer. 5
4. (a) Explain Etiology, Symptoms and treatment of Acute and Chronic Bronchitis. 8
- (b) Write short note on Asthma. 7
5. Write notes on any **THREE** :—
  - (a) Conjunctivitis
  - (b) Treatment guideline in paediatrics
  - (c) Scabies
  - (d) Pathophysiology of Tuberculosis. 5×3=15
6. (a) Discuss in detail about the management of adverse effects of anticancer drugs. 8
- (b) Explain Pathophysiology of Malaria and discuss its serious consequences. 7
7. (a) Differentiate and explain pathogenesis of acute and chronic leukemia and discuss their treatment options. 10
- (b) Discuss the pathophysiological aspects and treatment in Septicaemia. 5