

**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