

NKT/KS/17/6574

**B.Pharm. Sixth Semester (C.B.S.) Examination**  
**CLINICAL PHARMACOTHERAPEUTICS—I**  
**Paper—5**

Time : Three Hours]

[Maximum Marks : 80

**N.B. :**— (1) Question No. 1 is compulsory.(2) Solve any **four** questions from remaining.

(3) Draw neat labelled diagram wherever necessary.

(4) Assume suitable data wherever necessary.

1. Solve any **five** :

(A) Explain “why salbutamol is preferred over isoprenaline in management of bronchial asthma”.

(B) Justify role of pharmacist in rational drug therapy.

(C) Give the significance of pulmonary function test.

(D) Explain essential drug concept with example.

(E) Explain causes and risk factors for hyperlipidemia.

(F) Differentiate between productive and non-productive cough.

(G) What is Jaundice ? Give its treatment.

5×4=20

2. Explain etiopathogenesis of hypertension. Classify antihypertensive agent. Give in detail pharmacology of each class. 15

3. Explain causes, etiopathogenesis, symptoms, diagnostic test and treatment of Parkinson's disease. 15

4. (A) Write the treatment of chronic renal failure. 5

(B) Explain pathophysiology and pharmacotherapy of peptic ulcer. Differentiate types of peptic ulcer. 10

5. (A) Give the complication, investigational test for benign prostate hypertrophy. 5

(B) Explain in detail etiopathogenesis and pharmacotherapy for rheumatoid arthritis. 10

6. (A) Explain etiopathogenesis of bronchial asthma. Elaborate role of CAMP activators in treatment. 10

(B) Explain in detail about cystic fibrosis. 5

7. Write short notes on (any **three**) :

(A) Systemic lupus erythromatus

(B) Dysmenorrhea

(C) Alzheimer's disease

(D) Anaemia

(E) Inflammatory bowel disease.

3×5=15

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