



Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) Question No. 1 is compulsory.

(2) Solve any **FOUR** questions from remaining.

(3) Draw neat and labelled diagram wherever necessary.

(4) Assume suitable data wherever necessary.

1. Solve any **FIVE** :—

(A) Explain the process of tangle and plaque formation in Alzheimer disease; how it is treated ?

(B) What are various types of Angina Pectoris ? Explain its treatment strategies.

(C) Explain rational drug use and essential drug concept.

(D) Differentiate productive and non-productive cough. Classify drug treatment of cough.

(E) What is Hepatitis ? Explain its various types with available treatment option.

(F) Explain the symptoms of Kidney failure and give its treatment.

(G) What is Rheumatoid Arthritis ? Give the treatment method of Rheumatoid Arthritis. 5×4=20

2. Explain in detail Menstrual Cycle. Elaborate various disorders associated with it along with their Pharmacotherapy. 15

3. Give Etiopathogenesis and Pharmacotherapy of helicobacter pylori associated peptic ulcer. 15

4. Explain role of basal ganglia in Parkinson's disease. Give in detail Pharmacotherapy for Parkinson's disease. 15

5. Give etiological background of hypertension. Explain at molecular level how it is therapeutically corrected. Comment on the limitations of the proposed therapy of hypertension. 15

6. (A) Describe etiopathogenesis and treatment of osteoarthritis. 7

(B) Explain etiopathogenesis and pharmacotherapy for bronchial asthma. 8

7. Write short notes on (any **THREE**) :—

(A) Anaemia

(B) Benign Prostate hyperplasia

(C) Allergic Rhinitis

(D) Systemic Lupus erythromatus

(E) Cardiac Arrhythmia. 3×5=15