

Total No. of Questions :6]

SEAT No. :

[Total No. of Pages :3

P1984

[5145] - 402

S.Y.B. Pharmacy

PATHOPHYSIOLOGY & CLINICAL BIOCHEMISTRY

(2013 Pattern) (Semester - IV)

Time : 3 Hours]

[Max. Marks :70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Answer to the two sections should be written in separate answer sheet.*
- 3) *Neat labelled diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*

SECTION -I

Q1) Discuss and classify Heart failure. Explain the pathophysiology of heart failure. **[10]**

OR

Describe in detail pathophysiology and management of chronic obstructive airway disease. **[10]**

Q2) Attempt any five of the following: **[15]**

- a) Discuss the etiology of ulcer.
- b) Define and enlist the types of cardiac shock.
- c) Define ulcer, leukemia and pancreatitis.
- d) Write the complication of Anemia.
- e) Write the pathophysiology of coronary artery disease.
- f) Define and classify hepatitis.
- g) Explain the clinical manifestations of Cirrhosis.

P.T.O.

Q3) Write a note on the following (Any Two):

[10]

- a) Cell injury.
- b) Burger disease.
- c) Leukemia.
- d) Low blood pressure.

SECTION -II

Q4) Discuss in detail diabetes mellitus.

[10]

OR

Discuss etiology and treatment of Malaria in detail.

Q5) Solve any five of the following:

[15]

- a) Write pathophysiology of Tuberculosis.
- b) Explain in brief renal calculi.
- c) Explain in brief about pain.
- d) Write clinical manifestations of Parkinson's disease.
- e) Explain gout in brief.
- f) Define the terms;
 - i) Nephritis.
 - ii) Leprosy.
 - iii) Anxiety.
- g) Define and classify epilepsy.

Q6) Write a note on following (any two):

[10]

- a) Malignancy.
- b) Acute Urinary tract Infections.
- c) Schizophrenia.
- d) Osteoarthritis.

EEE