

Total No. of Questions :6]

SEAT No. :

[Total No. of Pages :2

**P1445**

**[5049] - 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 books.*
- 3) *Neat labelled diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*

**SECTION - I**

**Q1)** Discuss and classify Cardiac shock. Explain the pathophysiology of Cardiac shock. **[10]**

OR

Define and classify ulcer. Explain in detail pathophysiology of peptic ulcer. **[10]**

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

- a) Write the etiology of coronary artery disease.
- b) Define and enlist the types of COAD.
- c) Define diarrhoea, constipation and varicose vein.
- d) Write the complications of hypertension.
- e) Define and enlist the types of hepatitis.
- f) Write the clinical manifestations of fatty liver.
- g) Discuss the pathophysiology of buerger's disease.

**Q3)** Write a note on the following (Any Two): **[10]**

- a) Cardiac arrhythmia
- b) Inflammatory bowel disease.
- c) Cell injury.
- d) Deep vein thrombosis.

**P.T.O.**

**SECTION - II**

**Q4)** Discuss etiology and pathophysiology of Chronic Renal Failure. **[10]**

OR

Discuss pathophysiology of Epilepsy in detail.

**Q5)** Solve any five of the following: **[15]**

- a) Write a note on Myasthenia gravis.
- b) Define and enlist types of depression.
- c) Explain pathophysiology of leprosy.
- d) Define the terms
  - i) Endometriosis.
  - ii) Infertility.
  - iii) Dysmenorrhoea
- e) Explain in brief malignancy.
- f) Write clinical manifestations of Diabetes mellitus.
- g) Explain hypothyroidism in brief.

**Q6)** Write a note on following (any two): **[10]**

- a) Alzheimer's Disease.
- b) Rheumatoid arthritis.
- c) Malaria.
- d) Insomnia.

