

Total No. of Questions : 6]

SEAT No. :

P3156

[Total No. of Pages : 2

[5245]-402

S.Y. B. Pharmacy

2.7 : PATHOPHYSIOLOGY & CLINICAL BIOCHEMISTRY
(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Answers 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) Define and classify hypertension. Explain the pathophysiology of hypertension. **[10]**

OR

Define and classify hepatitis. Discuss in detail pathophysiology of hepatitis.

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

- a) Write the etiology of pneumonia.
- b) Define and enlist the types of heart failure.
- c) Define diarrhoea, cirrhosis and constipation
- d) Write the complications of Gall stone.
- e) Define and enlist the types of hepatitis.
- f) Discuss pancreatitis.
- g) Define and write etiology of inflammation.

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

- a) Raynauds disease
- b) Jaundice
- c) Peptic ulcer
- d) Anemia

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SECTION - II

Q4) Discuss Pain in detail. **[10]**

OR

Discuss etiology and treatment of Tuberculosis in detail.

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

- a) Write pathophysiology of leprosy
- b) Explain in brief AIDS
- c) Explain in brief Alzheimer's disease
- d) Write clinical manifestations and treatment of gout
- e) Write the causative agent of Syphilis and gonorrhoea.
- f) Define the terms
 - i) Depression
 - ii) Osteoarthritis
 - iii) Hyperthyroidism
- g) Explain in brief Glomerulonephritis

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

- a) Epilepsy
- b) Chronic renal failure
- c) Diabetes mellitus
- d) Parkinson's Disease

