

Paper Id: 

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**B.PHARM**  
**(SEM - II) THEORY EXAMINATION 2018-19**  
**PATHOPHYSIOLOGY**

**Time: 3 Hours****Total Marks: 75****Note:** Attempt all Sections. If you require any missing data, choose suitably.

**SECTION A**

- 1. Attempt all questions in brief. 10 x 2 = 20**
- a. Write a short note on feedback systems.
  - b. Define chemotaxis.
  - c. Write a note on acute renal failure.
  - d. Define Schizophrenia.
  - e. Define Neoplasm.
  - f. Discuss the role of Xanthine oxidase in development of gout.
  - g. Give a short note on Grave's disease.
  - h. Define Stroke and Hemorrhage.
  - i. Discuss the underlying causes for development of Jaundice.
  - j. Give causative agent and sign of Leprosy.

**SECTION B**

- 2. Attempt any two parts of the following: 2 x 10 = 20**
- a. Discuss in detail the pathophysiology of Asthma.
  - b. Write descriptive notes on CHF and Angina.
  - c. Elaborate the pathways of cellular apoptosis.

**SECTION C**

- 3. Attempt any five parts of the following: 7 x 5 = 35**
- a. Give the pathophysiology of Tuberculosis.
  - b. Explain the pathophysiology of diabetes.
  - c. Elaborate the pathways involved in the development of depression.
  - d. Define Ulcers. Explain the process of ulcer development.
  - e. Discuss Thalasemia and Sickle cell Anemia.
  - f. Define cancer. Describe the pathophysiology of cancer.
  - g. Explain the pathophysiology of AIDS.