

[LC 807]

APRIL 2013

Sub. Code: 3807

**DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION****SECOND YEAR****PAPER I – PATHOPHYSIOLOGY***Q.P. Code: 383807***Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Discuss the pathophysiology of
  - a) Hypertension.
  - b) Atherosclerosis.
2. Write a note on the following:
  - a) Protein Calorie Malnutrition.
  - b) Pathophysiology of Diabetes Mellitus.

**II. Write notes on:****(10 x 6 = 60)**

1. Write a note on Acquired Immune Deficiency Syndrome (AIDS).
2. Explain the Etiology and Pathogenesis of cancer.
3. Explain the factors that influence the healing of wounds.
4. Discuss the pathophysiology of stroke.
5. What is the metastasis? List out the differences of benign and malignant tumors.
6. Discuss the biological effects of radiation.
7. Write a brief note on vitamins.
8. Write a brief note on alcoholic liver disease.
9. Discuss the pathophysiology of Asthma and Chronic obstructive airway diseases.
10. Discuss the cause, mode of spread and pathogenesis of Tuberculosis.

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