

BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)

B. Pharm. Sem-II :SUMMER- 2022

SUBJECT : PATHOPHYSIOLOGY

Day : Tuesday  
Date : 16-08-2022

S-20663-2022

Time : 10:00 AM-01:00 PM  
Max. Marks : 75

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.
- 4) Draw neat and labelled diagrams **WHEREVER** necessary.

**SECTION – I**

**Q. 1** Attempt the following: **(20)**

- a) Define apoptosis.
- b) What are the life style changes to prevent ischemic heart diseases?
- c) Enlist the types of acute renal failure.
- d) What is thalassemia?
- e) What are the complications of presence of polycystic ovaries?
- f) Write the complications of hypoglycemia.
- g) Explain the clinical manifestation of cancer.
- h) Write the causes and symptoms of Depression.
- i) Define the terms:
  - i) Gout
  - ii) Renal Failure
- j) Write etiology and diagnosis for Leprosy.

**Q. 2** Attempt **ANY TWO** of the following: **(20)**

- a) Describe the classification and pathophysiology of hypertension, comment on nonpharmacological measures to control hypertension.
- b) Describe the pathophysiology and complications of chronic renal failure.
- c) Give etiology of cell injury and explain in detail various mechanisms of cell injury.

**SECTION – II**

**Q. 3** Attempt **ANY SEVEN** of the following: **(35)**

- a) What are the signs, symptoms and complications of gonorrhoea?
- b) Explain the pathophysiology of Asthma.
- c) Define epilepsy, give its neural basis and mention its types.
- d) Explain hyperthyroidism and hypothyroidism with mentioning the signs and symptoms.
- e) Classify autoimmune diseases, explain the pathophysiology of rheumatoid arthritis.
- f) What is Jaundice and give information about pathophysiology of Jaundice.
- g) Explain in detail about pathophysiology of AIDS.
- h) Write a note on Myocardial Infarction.
- i) Explain Asthma in detail.