

BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)
B. Pharm. Sem-II : WINTER : 2021
SUBJECT: PATHOPHYSIOLOGY

Day : Monday
Date : 17-01-2022

W-20663-2021

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) Name the microorganisms which causes urinary tract infection.
- b) Write the etiology of Typhoid.
- c) What is heart failure and give its types.
- d) What are the clinical features of Parkinson's disease?
- e) Which organisms produce syphilis and gonorrhoea?
- f) Define and enlist the types of hepatitis.
- g) What is Cell injury and inflammation?
- h) Write the complications of hypotension.
- i) Enlist the clinical manifestations of hypothyroidism.
- j) Define the terms:
 - i) Arteriosclerosis
 - ii) Osteoporosis

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

- a) Explain in detail pathophysiology of congestive heart failure.
- b) What is diabetes mellitus? Discuss the complete pathophysiology of diabetes.
- c) Explain different types of inflammation and discuss various mechanisms of inflammation.

SECTION – II

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

- a) Describe the pathophysiology of Schizophrenia.
- b) Describe the pathogenesis of AIDS and transmission of Human Immunodeficiency Virus.
- c) Discuss the pathogenesis of Vitamin B₁₂ and folic acid deficiency anemia.
- d) What is the etiology, clinical features and pathogenesis of Crohn's disease?
- e) Write a note on meningitis.
- f) What is Leprosy and give information about pathophysiology of leprosy.
- g) Explain in detail about pathophysiology of tuberculosis.
- h) Write a note on Angina pectoris.
- i) What is COAD? Explain its pathophysiology.

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