

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

B. Pharm. Sem-II : WINTER- 2022

SUBJECT : PATHOPHYSIOLOGY

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 25-01-2023

W-20663-2022

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 reversible cell injury.
- b) Mention the etiology of ischemic heart diseases.
- c) Enumerate the complications arising from acute renal injury.
- d) Define megaloblastic anemia.
- e) What are the causes of rheumatoid arthritis?
- f) Define and enlist the causes of Tuberculosis.
- g) Define and enlist the types of Hypertension.
- h) Explain the clinical manifestation of AIDS.
- i) Write the causes and symptoms of Parkinson's disease.
- j) Define the terms:
 - i) Arteriosclerosis
 - ii) Atherosclerosis

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

- a) Explain in detail pathophysiology of Depression.
- b) Explain the complete pathophysiology of inflammatory bowel disease.
- c) Give types of inflammation and explain in detail various mechanisms of inflammation.

SECTION – II

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

- a) Give the signs and symptoms of cancer.
- b) Discuss the pathogenesis of syphilis.
- c) Discuss the types of epilepsy.
- d) Explain the different types of diabetes.
- e) Explain complications arising from myocardial infarction and atherosclerosis.
- f) Write a note on Gout.
- g) What is LHF? Explain its pathophysiology.
- h) Define hyperthyroidism. Explain pathogenesis of hyperthyroidism.
- i) Write a note on Gonorrhoea.

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