

C.U.SHAH UNIVERSITY

Winter Examination-2022

Subject Name : Pathophysiology - Theory

Subject Code : BP204T

Branch: B.Pharm

Semester : 2

Date : 22/09/2022

Time : 11:00 To 02:00

Marks : 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1 Attempt the following questions: (20)

- a) Enlist mechanisms of cell injury.
- b) Enlist clinical signs of inflammation.
- c) Differentiate angina pectoris and myocardial infarction.
- d) Which neurotransmitter is decreased in Alzheimer's disease? Write its major symptoms.
- e) Explain types of hypertension with their cause.
- f) Write the causative organism and symptoms of tuberculosis.
- g) Enlist types of anemia.
- h) Write the name of causative organisms of Typhoid and AIDS.
- i) Describe positive and negative symptoms of schizophrenia.
- j) Write causes of Acute renal failure.

Q-2 Attempt any two of following: (20)

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| A | Define and explain etiology, pathogenesis and clinical manifestation of Congestive Heart Failure. | 10 |
| B | Classify and explain cellular adaptations. Write a note on Plasma derived mediators of inflammation. | 10 |
| C | Discuss types, causes, pathogenesis and complications of Diabetes mellitus. | 10 |

Q-3 Attempt any Seven of following : (35)

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| A | Write a note on Apoptosis. | 5 |
| B | Explain causes and pathophysiology of Bronchial asthma. | 5 |
| C | Discuss mode of transmission and pathogenesis of AIDS. | 5 |
| D | Write a note on Phagocytosis. | 5 |
| E | Discuss types and pathogenesis of Hepatitis. | 5 |
| F | Classify cancer. Explain etiology of cancer. | 5 |
| G | Describe causes and sign-symptoms of Urinary tract infections. | 5 |
| H | Explain pathogenesis and sign-symptoms of Parkinson's disease. | 5 |
| I | Describe pathophysiology and sign-symptoms of Rheumatoid arthritis | 5 |

