

Code: 15R00405

R15

B.Pharm II Year II Semester (R15) Regular Examinations May/June 2017

PATHOPHYSIOLOGY

Time: 3 hours

Max. Marks: 70

PART - A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write any two causes of cell injury.
 - (b) Differentiate Rheumatoid arthritis and osteoarthritis.
 - (c) Explain treatment of H.pylori.
 - (d) Give two symptoms of hypothyroidism.
 - (e) What is extrinsic asthma?
 - (f) Write clinical features of depressed patients.
 - (g) Write sign & symptoms of congestive cardiac failure.
 - (h) Explain types of cancer.
 - (i) Define unstable angina.
 - (j) Define vascular permeability.

PART - B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

- 2 Discuss in detail about pathogenesis and morphology of cell injury.

OR

- 3 Explain the cellular response in the inflammation process and discuss the process of repair.

UNIT - II

- 4 Define cancer and explain in detail about types and causes of cancer.

OR

- 5 Explain invasion and metastasis in cancer. Discuss the cell cycle of normal & cancer cell.

UNIT - III

- 6 Explain about pathophysiology and complications of hypertension.

OR

- 7 Define and classify diabetes mellitus. Discuss the symptoms pathophysiology and complications of diabetes mellitus.

UNIT - IV

- 8 Discuss the symptoms, complications and pathophysiology of gout.

OR

- 9 Explain the pathophysiology of Parkinson's disease and discuss the role of biogenic amine neurotransmitters in Parkinson's disease.

UNIT - V

- 10 Discuss the sign & symptoms, mode of transmission and pathophysiology of tuberculosis.

OR

- 11 Differentiate acute and chronic renal failure. Give in detail about pathophysiology of acute renal failure.
