

TKN/KS/16-6983

Third Semester Examination for the Degree of Bachelor of Pharmacy

PATHOPHYSIOLOGY AND CLINICAL BIOCHEMISTRY

3-T-3

Time : Three Hours]

[Max. Marks : 80

N. B. : (1) Question No.1 is Compulsory.

(2) Solve any Four Questions from the remain-

ing.

(3) Draw neat labeled diagram wherever neces-
sary.

1. Solve any **Four** of the following :—

(a) Explain the pathophysiology of asthma.

(b) Describe the cellular ageing.

(c) Explain the process of wound healing and repair.

(d) Describe the tests involved in Renal function.

(e) Comment on disorders of various amino acids.

(f) Write about the pathophysiology of Parkinsonism.

4 × 5 = 20

2. Explain the various causes of cell injury and mechanism
of cell injury. 15

3. Define inflammation and describe in detail the vascular
and cellular events occurring in acute inflammation. 15

4. Explain in detail the pathophysiology of Ischemic heart
diseases. 15

5. (a) Explain in detail therapeutic and diagnostic uses
of enzymes. 7

(b) Comment on the disorders associated with the
carbohydrate metabolism. 8

6. Give detailed account on pathophysiology of Diabetes
Mellitus. 15

7. Write short notes on any **Two** :—

(a) Liver function test.

(b) Mediators of inflammation.

(c) Types of neoplasm.

7.5 × 2 = 15

TKN/KS/16-6983

Contd.

TKN/KS/16-6983

2

530