

KNT/KW/16/6554

B.Pharm. Third Semester (C.B.S.) Examination
PATHOPHYSIOLOGY AND CLINICAL BIOCHEMISTRY
(Pathophysiology of Common Diseases)
Paper—3 (3-T-3)

Time : Three Hours]

[Full Marks : 80

N.B. :— (1) Question No. 1 is compulsory.(2) Solve any **FOUR** questions from the remaining.

(3) Draw neat labeled diagram wherever necessary.

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

- (a) Explain mechanism for cell injury.
- (b) Explain diagnostics test used for Guffric Function.
- (c) Differentiate between Apoptosis and Necrosis.
- (d) Write notes on Kwashiorkar and Marasmus.
- (e) Write about Glycogen storage diseases.
- (f) Differentiate between Acute and Chronic Inflammation.
- (g) Write in brief pathophysiology of Malaria.

5×4=20

2. (a) Give detailed account of Renal Function test and Liver Function test.

10

(b) Write pathophysiology of leprosy.

5

3. (a) Write analytical, therapeutic and diagnostic uses of clinical biochemistry.

10

(b) Describe disorders associated with urea cycle.

5

4. Explain in detail about diseases related to carbohydrate and lipid metabolism.

15

5. (a) Explain etiology, pathogenesis and complication of peptic ulcer.

10

(b) Write pathophysiology of Parkinsonism.

5

6. Write in detail about vascular and cellular events in acute inflammation.

15

7. Write short notes on pathophysiology of the following diseases (any **TWO**) :—

(a) AIDS

(b) Angina Pectoris

(c) Asthama

(d) Diabetes Mellitus.

15

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