

MARCH 2006

[KO 1507]

Sub. Code : 3009

II. Write briefly on : (5 × 5 = 25)

DIPLOMA IN CLINICAL PATHOLOGY
EXAMINATION.

(New Regulations)

Paper II — BIOCHEMISTRY AND MICROBIOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Section A and B should be answered in a SEPARATE
Answer Book.

Answer ALL questions.

SECTION A

BIOCHEMISTRY

I. Essay : (1 × 15 = 15)

(1) What is the normal fasting blood glucose level? Describe how the blood glucose level is maintained by hormonal action regulating the source and utilization of glucose.

(a) Microalbuminuria

(b) PUFA

(c) Phenylketonuria.

(d) Glycated Hemoglobin.

(e) Action of hormone on calcium and phosphorus metabolism.

SECTION B

MICROBIOLOGY

III. Essay : (1 × 15 = 15)

(1) Enumerate the bacteria causing food poisoning and write the lab diagnosis of any one of them.

IV. Short notes on : (5 × 5 = 25)

(a) Japanese encephalitis.

(b) *Cysticercus cellulosae*.

(c) Autoclave.

(d) Type III hypersensitivity.

(e) Cryptococcosis.