

MARCH -2009

[KU 1507]

Sub. Code: 3009

DIPLOMA IN CLINICAL PATHOLOGY EXAMINATION.

Paper II – BIOCHEMISTRY AND MICROBIOLOGY

(Common to all candidates)

Q.P. Code : 343009

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

(Answer Section A & B Separately)

SECTION A

(BIOCHEMISTRY)

I. Essay question : (1 X 20 = 20)

1. Discuss in detail the pathogenesis and infections caused by Esch.coli.

II. Write short notes on : (5 X 6 = 30)

1. Aseptic meningitis.
2. Teratogenic infections.
3. ELISA test.
4. Antibiotic sensitivity testing methods.
5. Cell mediated immunity.

SECTION B

(MICROBIOLOGY)

III. Essay question : (1 X 20 = 20)

1. Describe in detail the biochemical characteristics of Uremic syndrome.

IV. Write short notes on : (5 X 6 = 30)

1. Sample rejection criteria.
2. Biochemical analysis of cerebrospinal fluid.
3. External quality assessment scheme.
4. Electrophoresis.
5. Reference values.
