

[LE 1507]

APRIL 2014

Sub. Code: 3009

**DIPLOMA IN CLINICAL PATHOLOGY (DCP) EXAMINATION
BIOCHEMISTRY AND MICROBIOLOGY**

Q.P. Code :343009

Time: Three Hours

Maximum : 100 marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION A
(BIOCHEMISTRY)**

I. Elaborate on: **(1X15=15)**

1. Classify Jaundice. What are the biochemical tests to differentiate the different types of jaundice?

II. Write notes on: **(5X7=35)**

1. Prenatal Diagnosis and its applications.
2. Causes of hyperammonemia.
3. Functions of plasma proteins.
4. Functions and distribution of calcium in the body.
5. Principle of Dialysis.

**SECTION B
(MICROBIOLOGY)**

I. Elaborate on: **(1X15=15)**

1. Discuss the pathogenesis, laboratory diagnosis and prevention of Pulmonary tuberculosis.

II. Write notes on: **(5X7=35)**

1. Laboratory diagnosis of Hepatitis B.
2. Non sporing anaerobes.
3. Autoclave.
4. Candida albicans.
5. Hydatid cyst.
