

[LG 1507]

APRIL 2015

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: **(1 x 15 = 15)**

1. How will you investigate a patient with Viral hepatitis?

II. Write notes on: **(5 x 7 = 35)**

1. Lactose intolerance.
2. Cerebrospinal fluid analysis.
3. Hyperlipidemia.
4. Deficiency manifestation of vitamin C.
5. Urine screening.

**SECTION B
(MICROBIOLOGY)**

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

1. Name the RNA viruses causing disease in Humans.
Write in detail the morphology, pathogenesis and Lab diagnosis of Human Immuno deficiency virus.

II. Write notes on: **(5 x 7 = 35)**

1. Laboratory diagnosis of Malaria.
2. Dimorphic fungi.
3. Bacterial Vaccines.
4. Significant Bacteriuria.
5. Dry heat sterilization.
