

[LJ 1507]

OCTOBER 2016

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. Write in detail about renal function tests and their clinical significance.

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

1. Hyperbilirubinemia.
2. Test to detect reducing sugars in the urine.
3. Arterial blood gas analysis.
4. Polyunsaturated fatty acids and their importance.
5. Vitamin D – functions, RDA, deficiency manifestations.

**SECTION - B
(MICROBIOLOGY)**

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

1. Define PUO (Pyrexia of unknown origin) Discuss the pathogenesis, laboratory diagnosis and prophylaxis of Enteric fever.

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

1. Rapid Plasma Regain test.
2. Laboratory diagnosis of Malaria.
3. Biomedical waste management.
4. Aspergillosis.
5. Koch's postulates.
