

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. Classify the liver function tests. How will you differentiate the different types of jaundice by biochemical investigations?

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

1. Chromatography.
2. Galactosemia.
3. Hyperlipoproteinemia.
4. Isoenzymes.
5. Internal Quality control.

SECTION - B
(MICROBIOLOGY)

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

1. Classify Enteroviruses, write in detail about the morphology, pathogenesis, clinical features, laboratory diagnosis and prophylaxis of polio virus.

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

1. Malaria.
2. Immunoglobulin A.
3. Laboratory diagnosis of Leptospirosis.
4. Hydatid cyst.
5. Opportunistic fungal infections.
