

[LQ 1507]

AUGUST 2020
(MAY 2020 SESSION)

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. Enumerate the liver function tests. How will you investigate a case of alcoholic liver disease?

II. Write notes on:

(5 x 7 = 35)

1. Alkaptonuria.
2. Functions of vitamin-C.
3. Lipid profile.
4. Deficiency manifestations of vitamin B12.
5. Role of lungs in maintaining blood pH.

SECTION - B
(MICROBIOLOGY)

I. Elaborate on:

(1 x 15 = 15)

1. Describe the morphology, pathogenesis, lab diagnosis, of vibrio cholera. Add a note on prophylaxis of cholera.

II. Write notes on:

(5 x 7 = 35)

1. Transport media
2. ELISA
3. Lab diagnosis of Human Immuno Deficiency Virus
4. Rhinosporidium seeberi
5. Laboratory diagnosis of malaria
