

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Clinical Pathology
(DCP) November 2021**

Paper III – Clinical Biochemistry and Basic Microbiology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*
- *Write SECTION A and SECTION B in separate answer books (32 pages). Do not mix up questions from Section A and Section B*

QP Code:103177

SECTION A – Biochemistry

Marks: 50

Essay:

(15)

1. Discuss in detail about laboratory tests in lipid disorders. Add a note on lipoprotein metabolism.

Short notes:

(7x5=35)

2. Electrophoresis.
3. Laboratory diagnosis in diabetes mellitus
4. Biomarkers in myocardial infarction.
5. Thyroid function tests.
6. Acute phase reactants.
7. QC in biochemistry laboratory.
8. Phenylketonuria.

QP Code: 104177

SECTION B – Microbiology

Marks: 50

Essay:

(15)

1. Write in detail about opportunistic fungal infections.

Short notes:

(7x5=35)

2. Bioterrorism.
3. Leptospirosis.
4. HIV infection.
5. Leishmaniasis.
6. Viral haemorrhagic fever.
7. Leprosy.
8. Complement fixation test.
