

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in Clinical
Pathology (DCP) May 2022
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. Write in detail about laboratory diagnosis and monitoring of diabetes mellitus.

Short notes:

(7x5=35)

2. Serum Lipid profile
3. Serum Protein electrophoresis
4. Biochemical analysis of cerebrospinal fluid
5. Porphyria.
6. Tubular function tests
7. Investigations in Plasma cell dyscrasias
8. How do you evaluate a patient with features of thyrotoxicosis

QP Code: 104177

SECTION B – Microbiology

Marks: 50

Essay:

(15)

1. Classify meningitis. List the various organisms causing it. Write about laboratory diagnosis of meningitis

Short notes:

(7x5=35)

2. Genetic mechanism of drug resistance
3. Immunofluorescence
4. Laboratory diagnosis of Epstein Barr Virus infections
5. Rhinocerebral mucormycosis
6. Low temperature sterilization.
7. Superantigens
8. Whipples disease
