

P.G. Diploma Regular/Supplementary Examinations in Clinical Pathology (D.C.P) November 2025

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. Laboratory diagnosis of diabetes mellitus

Short notes:

(7x5=35)

2. Describe the absorption, transport and functions of iron
3. Classify the various types of Jaundice and explain their causes
4. Acute phase proteins
5. Biochemical analysis of CSF and its role in diagnosis
6. Automation in biochemistry
7. Principles and applications of High performance liquid chromatography
8. Renal function tests

QP Code: 104177

SECTION B – Microbiology

Marks: 50

Essay:

(15)

1. Classify Hypersensitivity reactions. Describe Type II hypersensitivity reactions in detail

Short notes:

(7x5=35)

2. Albert's sign
3. Procedure of sterilization techniques in operation theatres
4. PCR and its applications
5. Weil-Felix test
6. Recent advances in the diagnosis of malaria
7. Human leucocyte antigen (HLA) and their role in organ transplantation
8. Hanging drop method in microbiology

CORRECTION / NO-CORRECTION FILE
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QPCODE: 103177

Dated: 17-11-2025

QP CODE:103177

No corrections.

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Question No.2

The word 'sign' corrected as "stain".

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS