

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Clinical Pathology
(DCP) October 2018**

Paper III – Clinical Biochemistry and Basic Microbiology

Time: 3 hrs **Max marks:100**

- **Answer all questions**
- **Draw diagram 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 renal function tests with a note on the role of cystatin C.

Short notes: **(7x5=35)**

2. Criteria for the diagnosis of diabetes mellitus and add a note on oral glucose tolerance tests.
3. Essential fatty acids
4. Micro albuminuria
5. Role of vitamin B₁₂ in health and disease
6. Classification and laboratory diagnosis of porphyria
7. High performance liquid chromatography
8. Tumour markers and their significance

QP Code: 104177 **SECTION B – Microbiology** **Marks: 50**

Essay: **(15)**

1. Discuss the pathogenesis and laboratory diagnosis of enteric fever

Short notes: **(7x5=35)**

2. Viral inclusions
3. Cryptococcus neoformans
4. Extra intestinal amoebiasis
5. Dry heat sterilization
6. Laboratory diagnosis of infective endocarditis
7. Aspergillosis
8. Zika virus infection
