

QP Code:102177

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Clinical Pathology
(DCP) October 2019**

**Paper II – Haematology including blood bank, Clinical Pathology and
Cytology**

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagram wherever necessary***

Essay: (20)

1. Enumerate and classify causes of pancytopenia. Discuss the pathogenesis and diagnostic work up.

Short essays: (8x10=80)

2. Define the squash technique. Describe the squash cytology of CNS tumours
3. Prognostic significance of karyotyping in haematological malignancies
4. Investigations of transfusion reactions
5. Thromboelastography (TEG)
6. Diagnosis of haemolytic anaemia
7. Amniocentesis – advantages and disadvantages
8. Role of PCR in diagnostic laboratory
9. Automation in clinical pathology
