

**QP Code:102177**

**Reg. No.:.....**

**P.G. Diploma Regular/Supplementary Examinations in Clinical Pathology (DCP) June 2020**

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

**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*

**Essay:**

**(20)**

1. Describe in detail principle, technique and clinical application of flow cytometry

**Short essays:**

**(8x10=80)**

2. Diagnosis of a haemoglobinopathy
3. Blood components separation, preservation and uses
4. Importance of calibration of instruments
5. Lab investigations in case of bleeding gums
6. Biomedical waste disposal in pathology lab.
7. Acute promyelocytic leukaemia
8. Discuss the Bethesda classification of reporting thyroid cytopathology
9. Describe the pathology of plasma cell myeloma and its diagnostic workup

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