(13)

RC—7051

DIPLOMA IN CLINICAL PATHOLOGY EXAMINATION, 2004

Paper I—GENERAL PATHOLOGY INCLUDING BASIC MICROBIOLOGY

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Define Neoplasm. Discuss in detail the mechanisms involved in invasion and metastasis of Malignant neoplasms.

2 Discuss laboratory diagnosis of Syphilis.

(2 × 20 = 40 marks)

II. Short Essays :

3 Apoptosis.

4 Growth factors.

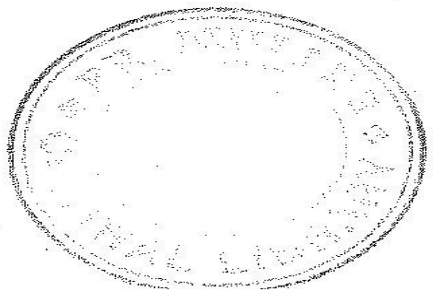
5 Radiation injury.

6 Atypical mycobacteria.

7 Bacteriophage.

8 Harmful effects of immunity.

(6 × 10 = 60 marks)



(5)

RC—7053

DIPLOMA IN CLINICAL PATHOLOGY EXAMINATION, 2004

Paper III—HAEMATOLOGY, CYTOLOGY AND CLINICAL PATHOLOGY

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Define and classify haemolytic anaemias. Write a note on β Thalassaemias.

2 Give an account of blood component therapy.

(2 × 20 = 40 marks)

II. Short Essays :

3 Erythrocyte sedimentation rate.

4 Semen analysis.

5 Bence Jones Proteins.

6 Body fluid cytology.

7 DIC.

8 Glycosylated haemoglobin.

(6 × 10 = 60 marks)

