

DIPLOMA IN CLINICAL PATHOLOGY (DCP) EXAMINATION

HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

Q.P. Code :343010

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 3 / M child, presenting with recurrent fever, upper respiratory infections. Investigations reveal elevated WBC count – 1,00,000 / c.mm. peripheral smears shows blasts.
 - a. What is the probable diagnosis?
 - b. Write the classification and pathophysiology.
 - c. Laboratory investigations.
2. Mention the various methods of collection of samples for respiratory cytology. Discuss the types of stains used for diagnosis of various lesions in the same.

II. Write notes on:

(10 x 7 = 70)

1. Haffbauer cells.
2. RT PCR.
3. Perls stain – Bone marrow.
4. Reticulocyte count.
5. Psammoma bodies in cytology.
6. CSF analysis including cytology.
7. Diagnosis of plasma cell myeloma.
8. Liquid based cytology – principles and uses.
9. Cytological diagnosis of phyllodes tumour.
10. Principles of Immunofluorescence.
