

[LG 1508]

APRIL 2015

Sub. Code: 3010

**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. A 25 year old male presented with bleeding gums, pallor and fever. Total leucocyte count was elevated markedly. What is the probable diagnosis? Discuss the classification, morphology and immunophenotypic features.
2. Discuss the role of FNAC in the diagnosis of thyroid neoplasms. Add a note on pitfalls in the interpretation.

II. Write notes on:

(10 x 7 = 70)

1. Philadelphia chromosome.
2. Hemoparasites.
3. Malignant ascitic fluid cytology.
4. Romanowsky stains.
5. RBC inclusions.
6. Molecular pathology of chronic myeloid leukemia.
7. Haematuria.
8. Haemoglobin electrophoresis.
9. Packed cell volume.
10. CSF analysis.
