

[LE 1508]

APRIL 2014

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. 18/M had a huge splenomegaly has suffered recurrent bone pain. His Hb is 5.2g/deciliter.
 - a) What is the most probable diagnosis? (3)
 - b) Enumerate the various laboratory tests.(6)
 - c) Discuss the pathogenesis and the molecular basis. (6)
2. Discuss the various methods of study of Cervical Cytology. With special reference to liquid based Cytology.

II. Write notes on:

(10 X 7 = 70)

1. Cord Blood.
2. Incomplete anti bodies in Hemolytic Disorders.
3. Principles of PCR.
4. Pre Diabetes.
5. Macrophages in the bone marrow.
6. Anti Phospolipid antibody syndrome.
7. Laboratory Diagnosis of DIC.
8. Dyserythropoietic anemia.
9. Myeloma Cells.
10. Cytology of Proliferative Breast Disease.
