

[LI 1508]

APRIL 2016

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. 32/F primigravida with exertional dyspnea, pedal edema and pallor. Her hemoglobin is 6g/dl.
  - a. What is the probable diagnosis?
  - b. List the laboratory investigations.
  - c. Discuss the pathogenesis.
  
2. Discuss the latest Bethesda classification of reporting thyroid cytopathology.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Intra nuclear inclusions.
2. Bronchial wash.
3. Coomb's test.
4. Blood cell indices and their application.
5. Hemoglobin electrophoresis.
6. Bence – Jones protein.
7. Arneth count.
8. Effect of alcohol on platelets.
9. Cell block – preparation and uses.
10. Diagnosis of diabetes mellitus.

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