

122-NR

*Dr. NTR University of Health Sciences::Vijayawada-520 008*

M.D. DEGREE EXAMINATION – NOVEMBER, 2016

**PATHOLOGY**Paper-III : Hematology, Clinical Pathology, Cytology &  
Chemical Pathology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Role of HbF detection in hemoglobinopathies
- 2) Write about lab diagnosis and prognostic features in CLL (Chronic Lymphocytic Leukemia)
- 3) Discuss the lab diagnosis of inherited platelet disorder
- 4) Write the biochemical markers in cardiac disease and specific timeline of cardiac markers in myocardial infarction
- 5) Discuss the diagnostic utility of cytological techniques in respiratory tract pathology
- 6) Write the Bethesda System of reporting thyroid cytology
- 7) Compare liquid based cytology with conventional method of cytology
- 8) Discuss the immunophenotyping of lymphoid neoplasm by flow cytometry
- 9) Write in brief about sources, indications and types of hematopoietic stem cell transplantations
- 10) Write about fetal hydrops

---