



507-A

**M.B.B.S. DEGREE EXAMINATION – JULY, 2012**  
**SECOND M.B.B.S. EXAMINATION**  
**PATHOLOGY**  
**(GENERAL PATHOLOGY & HAEMATOLOGY)**  
**PAPER-I**

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. A 3 year old child presented with pallor, growth retardation and history of repeated blood transfusions. The child is having splenomegaly and mild jaundice. Skull X-ray showing "Hair on end (crew cut) appearance". 10
- a) What is the most probable diagnosis?  
b) Describe various laboratory investigations to establish the diagnosis.  
c) Discuss pathogenesis of the disorder.

**WRITE SHORT NOTES ON:**

5x4=20

2. Differences between benign and malignant tumours  
3. Morphology of Lepromatous Leprosy  
4. Antinuclear antibodies  
5. Turner syndrome  
6. Phagocytosis

**WRITE BRIEFLY ON:**

5x2=10

7. Name four (4) types of Necrosis with examples.  
8. Significance of exfoliative cytology  
9. Nutmeg Liver  
10. Name four (4) Fat stains.  
11. Name the tests for detection of proteins in urine.

- - -

