

**Q.P. CODE: 507-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2020**  
**SECOND M.B.B.S. EXAMINATION**  
**PATHOLOGY**  
**(GENERAL PATHOLOGY & HAEMATOLOGY)**  
**PAPER-I**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions. Draw neat diagram wherever necessary.**

- 1) A 32 year old man is admitted with history of weakness and dragging sensation on left side of abdomen. On examination, his liver is enlarged to 3cm below costal margin and spleen is enlarged to 15cm below costal margin. His TLC is increased to 2,30,000/cumm.
- What is the possible diagnosis? What is likely to be the differential leucocyte count.
  - What is the diagnostic genetic abnormality in this condition?
  - To which group of diseases, does this entity belong to? Name the other diseases
  - Give the clinical picture of this disease  $2+2+3+3=10$

**WRITE SHORT NOTES ON:**

5 x 4 = 20

2) Tabulate the differences between iron deficiency anemia and Thalassemia major

3) Classify bleeding disorders. Give lab diagnosis of

## Hemophilia A.

- 4) Pathogenesis of Septic Shock
- 5) Role of Prostaglandins in acute inflammation
- 6) Tumor markers

**WRITE BRIEFLY ON:**

5 x 2 = 10

- 7) Name four autosomal dominant disorders
- 8) Write four clinical and lab features of Multiple Myeloma
- 9) Mention four complications of Bacterial Endocarditis
- 10) Give two tests to diagnose Van Willebrand's disease
- 11) Name four viral carcinogens.

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