

**Q.P. CODE: 507-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION - JULY, 2018**  
**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 35 year old man admitted with gradual weakness with dragging sensation left side of abdomen. His liver is 2cm and spleen is 15cm enlarged below costal margin. His Hb is 9.3 gm% TLC 2,50,000/cumm and Platelet count is 3,80,000/cumm.

a) What is the probable diagnosis?

b) Give the blood picture and molecular abnormality in this disease

c) How will you differentiate it from Leukemoid reaction?

d) Give five causes of massive splenomegaly.

$$1+4+2+2 \frac{1}{2} = 10$$

**WRITE SHORT NOTES ON:**

5 X 4 = 20

2) Etiopathogenesis of Septic Shock

3) Blood and bone marrow picture in Iron deficiency anemia

4) ~~Tabulate differences between lepromatous and~~

tuberculoid leprosy

5) Enumerate oncogenic virus. Give pathogenesis of viral carcinogenesis

6) Type III hypersensitivity reaction with examples

**WRITE BRIEFLY ON:**

5 X 2 = 10

7) Give two tests to diagnose Van Willebrand's disease

8) Name four tumors caused by various viruses

9) What are the factors affecting healing

10) Name two tumors which metastasize to liver and two tumors which metastasize to lungs

11) Give four diagnostic tests for Sickle Cell Anemia

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