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**Q.P. CODE: 507-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION – NOVEMBER, 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 35 year old man was admitted with easy fatigability, anorexia, weakness, weight loss, night sweats and dragging sensation in the abdomen due to massive splenomegaly. His total WBC count was 2,00,000 cells/mm<sup>3</sup>.

- a) What is the provisional diagnosis?
- b) Describe the blood and bone marrow picture.
- c) Describe the chromosomal abnormality of the disease
- d) Mention various phases of the disease. 1+5+2+2=10

**WRITE SHORT NOTES ON:**

5X4=20

- 2) Complications of myocardial infarction.
- 3) Primary tuberculosis.
- 4) Routes of Tumor metastasis

5) Graft versus host disease.

6) Down's syndrome.

**WRITE BRIEFLY ON:**

5X2=10

7) Chemotaxis.

8) What are the viral oncogenes with examples?

9) Vitamin A deficiency.

10) Name four cell derived mediators of inflammation.

11) Define pathological calcification and give two examples.

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