

Q.P.CODE: M102B020**Dr YSR UNIVERSITY OF HEALTH SCIENCES: VIJAYAWADA- 520008****MBBS DEGREE EXAMINATION - JANUARY, 2024****SECOND M.B.B.S. EXAMINATION****PATHOLOGY - PAPER-I****(Theory Questions)****Time: 2 Hour 40 Minutes****Max Marks: 80****Note: Answer all questions.****Draw a neat diagram wherever necessary**

SECTION-II (THEORY QUESTIONS – 80 MARKS)**WRITE ESSAY ON THE FOLLOWING:****2 X15 = 30**

1. A 25 year old male was brought to the emergency room, 10 minutes post vaccination. On examination he was dyspneic. Pulse and blood pressure was low

- What is the provisional diagnosis and why?
- Discuss the sequential events in this condition

2. A 5 year old child was admitted with splenomegaly and lymphadenopathy. Laboratory finding as follows: Hb 6.8 gm/dL, WBC count $100 \times 10^9/L$, Thrombocytopenia. Bone marrow show increase in blast cells, which is positive for PAS stain, LDH and serum uric acid levels are increased

- What is the provisional diagnosis and why?
 - Describe the blood and bone marrow picture in this condition
 - Mention the types as per FAB classification with labelled diagram
 - Describe the immunophenotypes of this disease
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WRITE SHORT NOTES ON THE FOLLOWING:**10x5=50**

3. Define Necrosis and discuss its types with examples
4. Pathogenesis of septic shock
5. Hypersensitivity reaction type II
6. Physical examination of urine
7. Chemical carcinogenesis
8. Enumerate the differences between hyperplasia, hypertrophy
9. Classification of leprosy
10. Role of arachidonic acid metabolites in inflammation
11. Blood transfusion reaction
12. Enumerate the differences between benign, malignant neoplasm
