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DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - 8

M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2017

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 3 year old child is admitted with fever and petechial haemorrhages for 2 weeks. On examination child is pale, no liver/spleen enlargement. Cervical lymph nodes are enlarged. TLC – 50,000/cumm. Peripheral smear shows blast cells. 1+3+3+3=10
- What is the probable diagnosis?
 - What is the bone marrow picture in this disease?
 - Enumerate the various prognostic factors.
 - Tabulate the differences between lymphoblast and myeloblast

WRITE SHORT NOTES ON:

5X4=20

- Role of prostaglandins in acute inflammation.
- Tabulate differences between necrosis and degeneration.
- Blood and bone marrow picture in Folic acid deficiency anemia.
- Klinefelter Syndrome.
- Investigations in a case of Hereditary Spherocytosis.

WRITE BRIEFLY ON:

5X2=10

- Name four tumors caused by various viruses.
 - Give four important causes of granulomatous inflammation.
 - Four special stains for demonstration of Amyloid.
 - Fate of thrombus
 - Enumerate four transfusion reactions.
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