



507-A

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - 8

M.B.B.S. DEGREE EXAMINATION – JULY, 2016

SECOND M.B.B.S. EXAMINATION

**PATHOLOGY**

(GENERAL PATHOLOGY &amp; HAEMATOLOGY)

PAPER-I

Time : 2 Hours

Max. Marks: 40

Note: Answer all questions

Draw neat diagram wherever necessary

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- 1) A 20 year old male presented with swelling of both knees and pain for the past one week. He gives history of similar episodes earlier. He also gives history of excessive bleeding after minor injuries. His maternal uncle has similar complaints and has been treated by repeated blood transfusions following excessive bleeding episodes. 2+4+3+1=10
- a) What are the possible differential diagnoses?
  - b) What are the laboratory investigations required for the diagnosis?
  - c) What is the etiopathogenesis of these disorders?
  - d) How will you make the final specific diagnosis?

WRITE SHORT NOTES ON:

5X4=20

- 2) Differences between benign and malignant tumors.
- 3) Bone marrow picture of megaloblastic anemia
- 4) Systemic thromboembolism
- 5) Leukemoid reaction
- 6) Morphologic changes in Kwashiorkor

WRITE BRIEFLY ON:

5X2=10

- 7) Name four types of necrosis with one example each
  - 8) Name four clinical features of trisomy 21
  - 9) Name four inherited cancer syndromes
  - 10) Name four subtypes of Hodgkin disease
  - 11) Give four examples of type II hypersensitivity
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