

507-A

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2014
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. A male child aged 8 years presented with fever, fatigue, generalized lymphadenopathy, bone pain, petechial hemorrhages over the skin, pallor, enlarged testes and features of meningism.
- What is the provisional diagnosis?
 - Describe blood and bone marrow picture and
 - Other investigations to confirm the diagnosis.
 - Discuss the prognosis of the same. (1+4+3+2=10)

WRITE SHORT NOTES ON:

5x4=20

- Etiology and pathogenesis of fat embolism
- Mention Arachidonic acid metabolites and their role in inflammation.
- Tabulate the differentiating features of Necrosis and Apoptosis
- Describe the chemical nature of Amyloid
- Describe the steps / events involved in mechanism of tumor INVASION and METASTASIS

WRITE BRIEFLY ON:

5x2=10

- Name any four (4) pathological changes in Vitamin A deficiency
 - Name any four (4) growth factors involved in regeneration and wound healing
 - Name one (1) infectious disease and three (3) tumors caused by Epstein-Barr virus
 - Name three (3) X-linked recessive and one (1) X-linked dominant disorders
 - Name two (2) special stains for reticulocytes and two (2) causes of Reticulocytosis.
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