

Q.P. CODE: 507-A
DR NTR UNIVERSITY OF HEALTH SCIENCES ::
VIJAYAWADA-8
M.B.B.S. DEGREE EXAMINATION - MARCH, 2010
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time: 2 Hours

Max. Marks: 40

Note: Answer all questions. Give diagrammatic representation wherever possible.

A 30 year old pregnant lady who cherishes to eat food prepared by boiling, steaming and frying presented with anaemia, glossitis, mild icterus history of diarrhea, loss of appetite and lack of wellbeing.

No evidence of nervous system manifestations.

Her serum Homocysteine (HCYS) levels are elevated but not Methylmalonic acid (MMA) LEVELS.

- a) What is the provisional diagnosis?
- b) Describe the peripheral blood and bone marrow picture.
- c) Discuss the special tests in diagnosis.

WRITE SHORT NOTES ON:

5 x 4 = 20

- 2) Contrasting features of apoptosis and necrosis.
 - 3) Chemokines.
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- 4) Microbial carcinogenesis.
- 5) Pathogenesis of Amyloidosis.
- 6) Discuss various processes that participate in the formation of a SCAR.

WRITE BRIEFLY ON:

5 x 2 = 10

- 7) What is paradoxical embolism? Give an example.
- 8) Morphology of Actinomycotic Mycetoma.
- 9) Name two cytogenic disorders involving sexchromosomes and two involving autosomes.
- 10) "Taby cat" appearance of heart (Tigered effect).
- 11) Myeloblast of AML3.

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