

Q.P. CODE: 507-A
DR NTR UNIVERSITY OF HEALTH SCIENCES ::
VIJAYAWADA-520 008
M.B.B.S. DEGREE EXAMINATION - FEBRUARY, 2018
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time: 2 Hours

Max. Marks: 40

Note: Answer all questions

Draw diagrammatic representation wherever necessary

1) A forty year old man presented with history of persistent cough and evening rise of temperature over a period of 4 months, with associated loss of appetite and reduction in weight. Examination revealed matted cervical lymph nodes. An X ray chest done showed a small radiopaque focus in the apex of the upper lobe of right lung.

a) What is your diagnosis?

b) Describe in detail the pathogenesis of this disease.

c) Describe the microscopic features associated with this lesion.

d) Enumerate the complications associated with this condition. 1+4+3+2=10

WRITE SHORT NOTES ON:

5 X 4 = 20

2) Mechanism of wound healing by second intention

- 3) Type II hypersensitivity reaction
- 4) Characteristics of Benign and Malignant neoplasms
- 5) Laboratory investigations in a case of Hereditary spherocytosis
- 6) Pathogenesis of Septic Shock

WRITE BRIEFLY ON:

5 X 2 = 10

- 7) List any four types of necrosis with one example for each
- 8) Mention four inflammatory actions of Arachidonic acid metabolites
- 9) List four special stains to demonstrate amyloid
- 10) List four examples for edema due to reduced plasma osmotic pressure
- 11) Laboratory investigations in a case of Idiopathic Thrombocytopenic Purpura (ITP)
