

**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.

1+4+3+2=10

- What is your diagnosis?
- Describe in detail the pathogenesis of this disease.
- Describe the microscopic features associated with this lesion.
- Enumerate the complications associated with this condition.

WRITE SHORT NOTES ON:

5X4=20

- Mechanism of wound healing by second intention
- Type II hypersensitivity reaction
- Characteristics of Benign and Malignant neoplasms
- Laboratory investigations in a case of Hereditary spherocytosis
- Pathogenesis of Septic Shock

WRITE BRIEFLY ON:

5X2=10

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

