

**Q.P. CODE: 507-B**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - JANUARY, 2015**  
**SECOND M.B.B.S. EXAMINATION**  
**PATHOLOGY**  
**(SYSTEMIC PATHOLOGY)**  
**PAPER-II**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions. Draw diagrammatic representation wherever necessary.**

1) A 55 year old lady present with breathlessness and cough for the past 2 weeks. She gives history of loss of weight and tiredness for past 6 months. X-ray chest revealed a massive pleural effusion on the left side. CT scan showed a nodular mass which is peripherally located in the left lung. CT guided biopsy of the mass showed, large cells with pleomorphic nuclei and prominent nucleoli, arranged in a glandular pattern.

a) What is your diagnosis?

b) Mention the histological types (sub-classification) of this lesion with illustrations

c) Describe its etiopathogenesis. (1+5+4=10)

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**WRITE SHORT NOTES ON:**

5x4=20

- 2) Valvular lesions in rheumatic heart disease
- 3) Etiopathogenesis of carcinoma stomach
- 4) Etiopathogenesis of hepatocellular Carcinoma
- 5) Etiopathogenesis of Chronic Pyelonephritis
- 6) Morphology of malignant melanoma

**WRITE BRIEFLY ON:**

5x2=10

- 7) Morphology of uterine leiomyoma
- 8) Name four brain tumors
- 9) Three causes of primary hyperparathyroidism and one cause of secondary hyperparathyroidism
- 10) Microscopic appearance of giant cell tumour of bone
- 11) Classification of germ cell tumours of testis

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