

**Q.P. CODE: 507-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION - MARCH, 2021**  
**SECOND M.B.B.S. EXAMINATION**  
**PATHOLOGY - PAPER-I**  
**(GENERAL PATHOLOGY & HAEMATOLOGY)**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions**

**Draw neat diagram wherever necessary**

1) A 55 year old lady was brought to the emergency room unconscious with history of road accident. She sustained multiple injuries, fractures of femur and tibia. These fractures are stabilized at surgery soon after admission. However 2 days after admission, she suddenly becomes dyspneic and developed tachypnea and tachycardia, irritability, restlessness and it progressed to delirium, coma and death on 7th day.

a) What is the provisional diagnosis

b) Discuss the pathogenesis of the lesion

c) Describe microscopic picture of the Lungs in the above condition

d) How frozen sections of the lung tissue help in final diagnosis at autopsy and mention various stains specific for it 1+4+2+3=10

**WRITE SHORT NOTES ON:**

5 x 4 = 20

2) Metaplasia

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- 3) Immune thrombocytopenia
- 4) Klinefelter syndrome
- 5) Blood picture in Megaloblastic Anemia
- 6) CSF in Tuberculous meningitis

**WRITE BRIEFLY ON:**

5 x 2 = 10

- 7) P53 Oncogene
- 8) Lipoxins
- 9) Factors affecting wound healing
- 10) Stains used to demonstrate Amyloid
- 11) Russell bodies

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