

**Q.P. CODE: 507-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - JANUARY, 2015**  
**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 55 year old lady was brought to the emergency room unconscious. Her blood pressure was very low, pulse was weak and rapid. Her skin was warm and flushed. Her blood culture revealed growth of Gram positive bacteria.

a) What is the possible diagnosis?

b) Describe the pathogenesis of this condition.

c) Describe the stages of this disorder (2+5+3=10)

**WRITE SHORT NOTES ON:**

5 x 4 = 20

2) Mechanisms of apoptosis

3) Type IV hypersensitivity reaction

4) FAB Classification of Acute Myeloblastic Leukaemia (AML)

5) Laboratory diagnosis of iron deficiency anaemia

6) Von Willebrand disease

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**WRITE BRIEFLY ON:**

- 7) Ghon complex
- 8) Name four malignant tumors causing paraneoplastic syndromes
- 9) Four alcohol induced diseases
- 10) Fibrinous inflammation
- 11) Four examples of hyperplasia.

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