

M.B.B.S. [2nd Prof.]

BF/2021/02

Pathology - A

M.M. : 40

Time : 3 Hours

- Note:
1. Attempt all questions. Illustrate your answer with suitable diagrams.
 2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.
 3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
 4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

PART - I

1. Describe the pathogenesis of septic shock. [4]
2. **Differentiate between:-**
 - a. Necrosis and apoptosis [4]
 - b. Type II and Type III hyper-sensitivity reactions [4]
3. **Write short notes on:**
 - a. Pathogenesis of amyloidosis [4]
 - b. Klinefelter syndrome [4]

PART - II

4. Enumerate the causes of extravascular hemolysis and write the laboratory diagnosis of hereditary spherocytosis. [4]
 5. **Differentiate between:**
 - a. Normoblast and megaloblast [4]
 - b. Chronic myeloid leukemia and leukemoid reaction [4]
 6. **Write short notes on:**
 - a. Coombs test [4]
 - b. Laboratory diagnosis of multiple myeloma [4]
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