

# M.B.B.S. [2<sup>nd</sup> Prof.]

BF/2020/06

## 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 laboratory diagnosis of cancer. [4]
2. **Differentiate between:-**
  - a. Metaplasia and dysplasia [4]
  - b. Antimortem and postmortem clot [4]
3. **Write short notes on:**
  - a. Pathogenesis of autoimmunity [4]
  - b. Down's syndrome [4]

### PART - II

4. Enumerate the causes of intravascular hemolysis and write the laboratory diagnosis of sickle cell anemia. [4]
  5. **Differentiate between:**
    - a. Iron deficiency anemia and thalassemia minor [4]
    - b. Lymphoblast and myeloblast [4]
  6. **Write short notes on:**
    - a. Blood components [4]
    - b. Laboratory diagnosis of Hemophilia A [4]
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