



**PZ-4922**

Seat No. \_\_\_\_\_

**D. C. P. (Branch - II) Examination**

**July - 2020**

**Pathology : Paper - I**

**(General Pathology & Basic Microbiology)**

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

- (1) Figure to the right indicates full marks.
- (2) Write legibly and to the point.
- (3) Irrelevant writing carries negative value.
- (4) Draw a figure wherever necessary.

- 1 Enumerate types of cell death. Describe mechanism of Apoptosis and its role in health and Disease. **30**
- 2 Define Hypersensitivity. Classify it. Describe type II hypersensitivity reactions in detail with examples. **30**
- 3 Write notes on : **20**
  - (a) Corona virus
  - (b) Polymerase chain reaction.
- 4 Write notes on : **20**
  - (a) Define Sterilization and Disinfection with classification about various sterilizing agents.
  - (b) Recent trends in diagnosis of Tuberculosis and Atypical Mycobacterium.