



**DL-9041**

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

**M. D. (Branch II) Examination**

**March / April - 2022**

**Pathology : Paper-I**

*(Applied Basic Science)*

Time : **3** Hours]

[Total Marks : **100**

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

- 1** Describe the normal structure & function of Spleen. **30**  
Enumerate & describe the non-neoplastic & neoplastic lesions causing splenomegaly.
- 2** Describe the role & mechanism of Oncogenes & anti-Oncogenes in causation of human neoplasms in detail. **30**
- 3** Write notes on : **20**
  - (a) Role of Apoptosis in health & disease.
  - (b) Significance of Renal Biopsy
- 4** Write notes on : **20**
  - (a) Lung pathology in COVID-19 patients.
  - (b) Serum markers of Myocardial Infarction