

QP Code: 101110

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pathology  
(MD) June 2020**

**Paper I – General Pathology, Pathophysiology, Immunopathology and  
Cytopathology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Enumerate autoimmune diseases. Describe the etiopathogenesis, pathology and laboratory diagnosis of systemic lupus erythematosus.

**Short Essays:**

**(8x10=80)**

2. Cellular aging and its mechanism
3. Invasion-metastatic cascade
4. Pathophysiology of edema
5. Micro – RNAs in cancer
6. Various molecules involved in cellular events in acute inflammation
7. Pathogenesis of HIV infection and AIDS
8. Cytological techniques used for the respiratory diseases
9. Conventional and newer diagnostic techniques for diagnosis of HPV infection on cytological specimens

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