

QP Code: 101110

Reg. No.:.....

PG Degree Examinations in Pathology (MD) April 2019

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

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Classify intermediate filament proteins and discuss diseases related to their mutations

Short Essays:

(8x10=80)

2. Pathophysiology of thrombosis
3. Immune diseases due to macrophage dysfunction
4. Fragile X syndrome
5. Cytofixatives
6. Mechanism of autoimmune disease with role of Anti-Nuclear Antibodies (ANA) in diagnosis
7. Role of hypoxia in vascular injury and repair
8. Apoptosis
9. Micro RNA (miRs) and cancer
