

QP Code:104110

Reg. No.:.....

**PG Degree Supplementary Examinations in Pathology (MD)
December 2020**

Paper IV - Recent Advances and Applied Aspects

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. Molecular mechanisms of carcinogenesis and tumour progression in colon cancer.

Short Essays: (8x10=80)

2. Recent concepts in the pathogenesis of endometriosis
3. Immunological mechanisms in Hashimoto's thyroiditis
4. Pathogenetic pathways in melanoma
5. Bethesda system of reporting cervical smears
6. Role of biomarkers in the diagnosis of testicular tumours
7. Pathology of HIV associated nephropathy
8. Molecular alterations in pancreatic carcinogenesis
9. Role of PCR in diagnostic pathology
