

**QP Code:104110**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Pathology (MD)  
November 2021**

**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. Single gene mutations associated with hereditary susceptibility in breast cancer

**Short Essays: (8x10=80)**

2. Current concepts in the pathogenesis of endometrial hyperplasia
3. Genetic events in the pathogenesis of thyroid cancer
4. Cytology of cervical intraepithelial neoplasia
5. Testicular germ cell tumours
6. Recent concepts in thrombotic microangiopathies
7. Discuss the immune mechanisms of glomerular injury
8. Precursor lesions and pathogenesis of hepatocellular carcinoma
9. Hereditary non polyposis colorectal cancer

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