

**QP Code:104110**

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

**PG Degree Supplementary Examinations in Pathology (MD)  
October 2019**

**Paper IV - Recent Advances and Applied Aspects**

**Time: 3 hrs**

**Max marks:100**

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

**Essay: (20)**

1. Discuss the prognostic and predictive molecular markers in carcinoma breast

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

2. Role of Fluorescent-In-Situ-Hybridisation (FISH) in diagnosis of tumours.
3. Terminal deoxyribonucleotidyl transferases in acute leukemias
4. Cribriform pattern in prostatic adenocarcinomas
5. Post mortem computed tomography
6. Myxoid mesenchymal neoplasms
7. Molecular markers of GIST (Gastrointestinal Stromal Tumour)
8. Endometrial hyperplasias
9. Acute lung injury.

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