

QP Code:104110

Reg.No.:.....

**PG Degree Examinations in Pathology (MD) – May 2014**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Discuss the molecular genetic pathogenesis of colo-rectal carcinoma.

**Short Essays:**

**(8x10=80)**

2. Succinate dehydrogenase deficient tumours
3. Micro RNAs and cancer
4. Inflammatory response to cell death
5. Tissue microarrays
6. Fluorescence in-situ hybridization (FISH)
7. IgG4 related disease
8. Angiogenesis in malignancy
9. Audit in pathology

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