

**QP Code:104110**

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

**PG Degree Regular/Supplementary Examinations in Pathology  
(MD) May 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. Discuss the WHO 2018 classification and pathology of skin appendageal tumors.

**Short Essays:**

**(8x10=80)**

2. Discuss molecular pathology of lung carcinoma
3. Molecular profiling of tumors
4. Hepatitis C, life cycle of HCV and its morphological features
5. Role of microwave in histopathology
6. Polyps of colon and rectum with emphasis on serrated lesions
7. Discuss about the role of IHC in the problematic prostate biopsy
8. Cytapheresis
9. Minimal/measurable residual disease

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