

**QP Code:104110**

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

**PG Degree Regular/Supplementary Examinations in Pathology  
(MD) May 2022**

**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. Pathology and grading of neuroendocrine neoplasms of the Gastrointestinal tract.

**Short Essays:**

**(8x10=80)**

2. Discuss molecular classification of breast carcinoma
3. Liquid based cytology
4. Pathogenesis and Pathology of SARS-CoV2 infection with a note on autopsy findings.
5. Whole slide imaging and its applications
6. Molecular genetics of paediatric soft tissue tumours.
7. Undifferentiated small round cell sarcomas of bone and soft tissue
8. Prognostic markers in ALL (Acute Lymphatic Leukemic)
9. Quality control and quality assurance in histopathology

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