

QP Code:104110

Reg. No.:.....

**PG Degree Supplementary Examinations in Pathology (MD)
November 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. Discuss the etiopathogenesis, pathology and laboratory diagnosis of SARS-CoV2 (COVID-19) infection.

Short Essays: (8x10=80)

2. Molecular classification of endometrial carcinoma.
3. Diagnostic application of PD-L1 testing.
4. Life cycle of malaria and laboratory tests in diagnosis, with a note on recent advances in malaria diagnosis.
5. Microsatellite instability with a note on clinical application and methods of identification.
6. Premalignant lesions of the skin.
7. Role of immunohistochemistry in the diagnosis of gliomas.
8. Flow cytometry and its applications.
9. Micro-RNA's in cancer.
