

QP Code:104110

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pathology
(MD) July 2023**

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 2020 classification of ovarian tumours and pathology of sex cord stromal tumours.

Short Essays:

(8x10=80)

2. Discuss the pulmonary pathology in COVID- 19 infection.
3. Fluorescent in situ hybridisation.
4. Synovial fluid analysis.
5. Laboratory accreditation.
6. Automated urine analysis.
7. Laboratory investigation of male infertility.
8. Tumour suppressor genes.
9. Molecular profiling of breast cancer.
