



DQ-9083

Seat No. _____

M. D. (Branch-II) Examination

April - 2022

Pathology : Paper-IV

(Recent Advances)

Time : 3 Hours]

[Total Marks : 100

Instructions : (1) Figure to the right indicates full marks.
(2) Write legibly and to the point.
(3) Irrelevant writing carries negative value.
(4) Draw a figure wherever necessary.

1 Recent advances in sub-typing of melanoma, its genomic profile & prognostic molecular markers. **30**

2 Describe recent advances in classification and I.H.C. markers of various lung tumors. **30**

3 Write notes on : **20**
(a) Malaria - its types, presentation & recent updates in diagnosis.
(b) Florescent in situ hybridization - techniques & significance.

4 Write note on : **20**
(A) Describe HPLC - its principle, clinical utility & interpretation in detail.
(B) Digitization of pathology laboratory.