



BZ-9083

Seat No. _____

M. D. (Branch-II) Examination

April - 2021

Pathology : Paper-IV

(Recent Advances)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Figures to the right indicate full marks.
(2) Write legibly and to the point.
(3) Draw figure where necessary.

- 1 Explain SARS COV-2 structure. Describe Pathogenesis, Laboratory findings and Morphological features of affected organs in Covid-19 patients. **30**
- 2 Discuss overview of recent concepts of stem cell transplantations. **30**
- 3 Write notes on : **20**
(a) Thin Prep Smears.
(b) Single Donor Platelets.
- 4 Write notes on : **20**
(a) IQC and Proficiency testing.
(b) Principle and uses of HPLC.