



NBA-9083

Seat No. _____

M. D. (Branch II) Examination

March / April - 2017

Pathology : Paper - IV

(Recent Advances) (New Course)

Time : 3 Hours]

[Total Marks : 100

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

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|----------|--|-----------|
| 1 | Discuss pathology of Obesity in detail. | 30 |
| 2 | Discuss the concept of epithelial mesenchymal transition in relation to cancer invansion and metastasis. | 30 |
| 3 | Write notes on :
(a) Recent S. tumor markers
(b) Recent updates in prognosis of leukemias | 20 |
| 4 | Write notes on :
(a) Application of quality indicators in laboratory
(b) Recent advances in blood banking. | 20 |
