



**MBH-9041**

Seat No. \_\_\_\_\_

**M. D. (Branch - II) Examination**

**April/May - 2018**

**Pathology : Paper - I  
(Applied Basic Sciences)**

Time : **3 Hours]**

[Total Marks : **100**

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

- 1** Describe Ultra structure of a Nephron. Discuss Renal Biopsy in detail, with its role in various Glomerular Diseases. **30**
- 2** Describe normal structure and functions of Thyroid Gland. Discuss Non neoplastic Thyroid disorders and their laboratory work up in detail. **30**
- 3** Write notes on : **20**
  - (i) Application of FISH in hematology.
  - (ii) Utility of Cytokeratin in Diagnostic Histopathology.
- 4** Write notes on : **20**
  - (i) Serum Ferritin - Diagnostic Utility
  - (ii) Urine Albumin Creatinine Ratio.

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