



**PAN-9069**

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

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

**September - 2018**

**Pathology : Paper - III**

***(Pathology & Hematology)***

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** Discuss haemoglobinopathies. and role of electrophoresis and HPLC for diagnosis. **30**
- 2** Discuss morphology of Spleen in non haematological disorders. **30**
- 3** Write notes on : **20**  
(i) Diabetic Nephropathy  
(ii) Tumors with viral etiology
- 4** Write notes on : **20**  
(i) Reticulocyte parameters with its diagnostic utility  
(iii) Point of care testing
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