



PZ-9041

Seat No. _____

M. D. (Branch - II) Examination

July - 2020

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

Time : **3 Hours]**

[Total Marks : 100

Instructions :

1. Figures to the right indicate full marks.
2. Write legibly and draw diagrams wherever necessary.
3. Irrelevant writing carries negative value.

- 1 Describe normal structure and functions of Pancreas. **30**
Discuss details of Pancreatic Function Tests and diagnostic utility of each test.
- 2 Discuss mechanism of metastasis and outline the role of stroma in tumor progression. **30**
- 3 Write notes on : **20**
 - a. Prognostic factors of infiltrative duct carcinoma
 - b. Microalbuminuria and its detection.
- 4 Write notes on : **20**
 - a. Muscle biopsy
 - b. Calibration of clinical laboratory.
