

**QP Code:102114**

**Reg. No.:.....**

**PG Degree Regular/Supplementary Examinations in Physiology  
(MD) November 2025**

**Paper II - Systemic Physiology (Haematology, CVS, GIT, Respiratory System,  
Renal Physiology)**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay: (20)**

1. Describe the composition, functions and regulation of pancreatic juice. Add a note on Pancreatitis.

**Short essays: (8x10=80)**

2. Cellular Immunity.
3. Surfactant.
4. Airway Resistance.
5. Cardiovascular reflexes.
6. Cerebral Circulation.
7. Renal buffers.
8. Pathophysiology of obesity.
9. CO<sub>2</sub> transport.

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