

QP Code:102114

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physiology
(MD) June 2024**

**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. Mechanisms of acid-base regulation in the kidney.

Short essays:

(8x10=80)

2. Pulmonary function tests in health and disease.

3. Mechanism of ventilation adaption at high altitude.

4. Hemolytic anemia.

5. Pathophysiology of peptic ulcer and basis of management.

6. What are the anticoagulants. Explain their mechanism of action.

7. His bundle electrogram.

8. Fetal circulation.

9. Regulation of glomerular filtration rate.
