

**PG Degree Regular/Supplementary Examinations in Physiology
(MD) January 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. Define circulatory shock. What are the different types of positive feedback that can lead to progression of shock

Short essays:

(8x10=80)

2. Fibrinolytic system.
3. Immunological tolerance.
4. Hormonal regulation of renal tubular reabsorption.
5. Static and dynamic compliance – definition, measurement, and clinical significance.
6. Types of jaundice.
7. Diuretics.
8. Echocardiography.
9. Hemolytic anemia.
