

PG Degree Supplementary Examinations in Physiology (MD)
January 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. Describe the regulation of arterial blood pressure. Add a note on hypertension

Short essays:

(8x10=80)

2. Neural regulation of respiration
3. Physiology of transplanted lung
4. Colonic reflexes
5. Cardiovascular changes during exercise
6. Pulmonary compliance
7. Renal function tests
8. Intestinal absorption of fats
9. Activated protein - C
