

PG Degree Supplementary Examinations in Physiology (MD)
January 2024

Paper IV - Applied Physiology Including Recent Advances

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 pathophysiology of cardiac failure and the physiological basis of its treatment

Short essays:

(8x10=80)

2. Pathophysiology of Oedema
3. Proteomics
4. Addison's disease
5. Phantom limb
6. Sensory homonculus
7. Nerve growth factors
8. Clinical features of Cerebellar lesion
9. Hirschprung disease
