

**QP Code:104114**

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

**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

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