

QP Code:104114

Reg. No.:.....

**PG Degree Supplementary Examinations in Physiology (MD)
December 2020**

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 tissue fluid formation and pathophysiology of oedema.

Short essays:

(8x10=80)

2. Explain coronary circulation and discuss recent trends in the coronary artery disease
3. Describe theories of sleep and note on sleep disorders
4. Pathophysiology of diabetic ketoacidosis
5. Alzheimer's disease with recent methods of management
6. Physiological basis of female sterility
7. Discuss recent non-invasive cardiac investigations and its applied aspect
8. Electroretinography and its application
9. Discuss autosomal and sex linked disorders
