

QP Code:104114

Reg. No.:.....

**PG Degree Supplementary Examinations in Physiology (MD)
November 2021**

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. Define hypoxia and describe types of hypoxia with applied aspect

Short essays:

(8x10=80)

2. Explain the effects of hypo and hyper secretion of thyroid hormone
3. Cardiovascular changes during exercise
4. Pathophysiology of peptic ulcer and treatment
5. Physiological basis of mountain sickness
6. Define jaundice and describe the types with laboratory tests
7. Apoptosis and its importance
8. Acquired immunodeficiency syndrome
9. Nerve conduction studies with a note on recent methods
