

**QP Code:104114**

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

**PG Degree Regular/Supplementary Examinations in Physiology  
(MD) June 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. Mountain sickness and acclimatization

**Short essays:**

**(8x10=80)**

2. Abnormalities of micturition
3. Stem cell therapy.
4. Electroretinogram.
5. Physiology of growth
6. Investigations to assess cardiac functions. Add a note on extra corporeal membrane.
7. Amniocentesis.
8. Physiological basis of various drugs used in the treatment of peptic ulcers
9. Recombinant DNA technology

\*\*\*\*\*