

**QP Code:104114**

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

**PG Degree Examinations in Physiology (MD) April 2018**

**Paper IV - Applied Physiology Including Recent Advances**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essay:**

**(20)**

1. Define various types of shock and explain pathophysiology of hypovolemic shock

**Short essays:**

**(8x10=80)**

2. Describe the significance of intra ocular pressure.
3. Explain oxygen therapy in different types of hypoxia.
4. Classify anaemia. Describe pathophysiology of each type.
5. Role of kidney as an endocrine organ.
6. Describe chronic fatigue syndrome.
7. Drugs modifying neuromuscular transmission
8. Pathophysiology of Parkinson's diseases and advances in the treatment.
9. Explain the effects of hypo and hyper secretion of growth hormone

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