

**QP Code:104114**

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

**PG Degree Supplementary Examinations in Physiology (MD)  
October 2018**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Explain the pathophysiology of hypertension and discuss the physiological basis of its management

**Short essays:**

**(8x10=80)**

2. Anabolic steroids
3. Thalamic syndrome
4. LMN paralysis
5. Trigeminal neuralgia
6. Sleep apnoea syndrome
7. Respiratory acidosis
8. Monge's disease
9. Mismatched blood transfusion reactions

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