

QP Code:104114

Reg.No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -  
November 2016**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. What are stem cells. Discuss its potential in clinics

**Short essays:** (8x10=80)

2. Gene polymorphism
3. Transcription regulators
4. Reperfusion injury
5. Functions of myelin sheath
6. Receptors as biological transducers
7. Oestrogen and brain function
8. Sleep apnoea
9. Osteoporosis

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