

**QP Code:101114**

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

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

**Paper I – General Physiology, Neuro Physiology, Including Special Senses and  
Endocrinology**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss the neurophysiological mechanisms involved in achieving the motor skills.

**Short essays:**

**(8x10=80)**

2. Perception of depth of an object
3. Hair cell as a receptor
4. Functions of neuroglia
5. Blood-testis barrier
6. Role of foetus in parturition
7. Stress adaptation
8. Role of thyroid hormone in brain development
9. Active transport mechanisms of cell membrane

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