

**QP Code: 101113**

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

**PG Degree Supplementary Examinations in Physical Medicine & Rehabilitation (MD) October 2019**

**Paper I – Basic Sciences as Applied to Physical Medicine & Rehabilitation**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. What are the different types of muscle fibers. Discuss the physiology of muscle contraction.

**Short essays:**

**(8x10=80)**

2. Drugs used in Parkinson's disease
3. Normal CSF flow
4. Cardiac output
5. Describe neuromuscular junction
6. Sciatic nerve
7. Bone remodelling
8. Lab investigation of HIV infection
9. Ventilation – perfusion ratio

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