

QP Code: 101113

Reg. No.:.....

**PG Degree Supplementary Examinations in Physical Medicine &
Rehabilitation (MD) – November 2017**

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

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Describe the anatomy of intervertebral disc. Brief about the biochemical changes that occur due to degenerative process. Enumerate the stages of disc protrusion

Short essays: (8x10=80)

2. Cardiac and respiratory response to exercise
3. Carotid and vertebra-basilar system
4. COX₂ inhibitors
5. Delorme principle for progressive resistance exercise
6. Heterotopic ossification.
7. Pathophysiology of lower urinary tract dysfunction
8. Clinical and radiological evaluation of developmental dysplasia of hip(DDH)
9. Martin - gruber anastamosis
