

QP Code:104113

Reg.No.:.....

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

Paper IV - Recent Advances

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. What are the different types of foot-ankle mechanisms available for prosthetic fitting. What are their special considerations of prescription for persons of different activity levels.

Short essays:

(8x10=80)

2. Sports activities in spinal cord injured person
3. Biologicals in rheumatoid arthritis
4. Pain measurement in rehabilitation setting
5. Stem cell therapy in rehabilitation
6. Visco-supplementation in osteoarthritis.
7. Use of botulinum toxin in rehabilitation.
8. How does floor reaction orthosis compare with a conventional above knee caliper in a patient suffering from post-polio residual paralysis presenting with hand-knee gait.
9. Use of soft tissue ultrasonography in rehabilitation
