

**PG Degree Regular/Supplementary Examinations in Physical Medicine and Rehabilitation
(M.D)**

PAPER II – Principles and Practice of Physical Medicine and Rehabilitation as applied to Medical, Pediatric, Geriatric conditions, Non-Communicable Diseases, Neurological, Cardio-pulmonary, Cancers, Pain, Rheumatological conditions, Mental illnesses, Developmental disorders, Osteoporosis, Multiple disabilities etc

Time : Three Hours

Maximum : 100 Marks

Essay:

(20)

1. An 8-year-old male child has had difficulty walking since 4 years of age. Sibling has a similar history. At presentation, he can walk 400m, has equines, requires assistance for toilet activities, Gower sign is positive. Discuss the diagnosis, management and Rehabilitation.

Short Essays

(8 x10 = 80)

2. Post-polio syndrome.
3. Hallmarks of denervation on EMG.
4. Aerobic exercise program.
5. Neck and upper back myofascial pain.
6. Augmentative and alternative communication.
7. Overuse injury.
8. Deleterious effects of prolonged immobilization.
9. Radiographic hallmarks of osteoarthritis knee.