

Write short Notes on:

1. Degenerative disorders of lumbar spine in elderly persons.
2. Mental retardation – Definition, common causes and assessment scales.
3. Secondary prevention of poliomyelitis.
4. Ideal stump – Changing concepts in rehabilitation of amputees.
5. Neurogenic bladder – causes, evaluation, role of pelvic floor exercises
6. Rickets – features, evaluation, rehabilitation management.
7. Volkmann ischemic contracture.
8. Gouty arthritis.
9. Genetic counseling.
10. Role of exercises in muscular dystrophy.

Write short Notes on:

1. Prescription of a walking aid.
2. Immediate post operative fitment of prosthesis.
3. Check out of HKAFO.
4. Care of above knee prosthesis.
5. Role of plastic materials in orthotics
6. Community based rehabilitation
7. Persons with disabilities act – 1995.
8. Inter disciplinary approach of rehabilitation.
9. Vocational rehabilitation of a paraplegic.
10. Assistive technology in rehabilitation.

Write short Notes on:

1. Physiological properties of heat.
2. Indications and contraindications of short wave diathermy.
3. Mechanism of action of ultra sound therapy
4. Role of traction in treatment of low back ache.
5. Principles of exercise therapy.
6. Proprioceptive neuromuscular facilitation.
7. Physiological effects and uses of UV rays in physical medicine.
8. Goniometry-principles and applications
9. Role of cold therapy in sports injuries.
10. Advantages of interferential therapy.

Write short Notes on:

1. Physiologic effects of exercises.
2. 'F' wave
3. Hemiplegic gait.
4. Rheumatoid factor.
5. Bronchopulmonary segments and applied aspects in PMR.
6. Thrombosis, Embolism and peripheral vascular diseases.
7. Secondary prevention of ischemic heart disease.
8. Mechanism of micturition.
9. Physiology & Biochemistry of calcium metabolism – basic principles.
10. Postural muscles.

Write short notes on:

1. Advantages and disadvantages of intrathecal baclofen
2. Facial palsy
3. Antenatal and postnatal exercises
4. Diabetic foot
5. Radiological assessment of Osteoporosis
6. Recurrent dislocation of shoulder
7. Peripheral vascular disease
8. Hereditary sensory motor neuropathy
9. Pressure sore assessment and management
10. Hip deformities in Cerebral Palsy (diplegia)

Write short notes on:

1. Qualities of a good below elbow (Transradial) stump
2. Pre-prosthetic rehabilitation
3. Weight relieving calipers
4. Early complications after computation
5. Spinal braces for scoliosis
6. Management of foot drop
7. Genu valgum in a 3 year old child
8. Claw hand
9. Patellar tendon bearing prosthesis
10. Floor reaction orthosis

Write short notes on:

1. Biophysical effects and hazard of microwave diathermy
2. Iontophoresis
3. precautions and contra-indications for cryotherapy
- 4 Advantages and disadvantages of paraffin wax bath
- 5 Types of spinal traction and contra-indications
- 6 Physiological effects and types of massage
- 7 Indications and applications of laser in physical medicine
- 8 Precautions and clinical application of infrared irradiation
- 9 Classification and clinical use of exercises
- 10 Coupling techniques during ultrasound administration

Write short notes on:

1. Role of hydrotherapy in paraplegics
2. Role of heat therapy in low backache
3. EMG in gait analysis
4. Computed tomography of spine
5. Manual muscle charting
6. Common peroneal nerve
7. Rotator cuff tear
8. Wheel chair prescription
9. Process of speech production
10. Activities of daily living

Write short notes on:

1. Clinical presentation of Spina Bifida.
2. Salient features of Autism.
3. Rehabilitation of overuse injuries.
4. Role of neurolysis in control of spasticity.
5. Management of postpartum stress incontinence.
6. Radiological features of spondylolisthesis.
7. Teratogenesis.
8. Bone Densitometry.
9. Post operative complications of below knee amputation.
10. Stump care in above elbow amputation.

Write short notes on:

1. Functions of Spinal Orthosis.
2. Orthotic Management of Low Backache.
3. Dynamic Upper Extremity Orthosis.
4. Plastic Materials used in Orthosis.
5. PTS Prosthesis.
6. Considerations for Wheelchair Prescriptions.
7. Quadrilateral socket in above knee prosthesis.
8. Electro Goniometer.
9. Foot Pressure Analysis.
10. Management of varicose veins.

Write short notes on:

1. Management of plantar fasciitis.
2. EMG Bio feedback.
3. Anterior Compartment syndrome.
4. Shoulder Hand Syndrome.
5. Management of Pes planus.
6. Rehabilitation management of wrist drop.
7. Lioresal.
8. Rehabilitation management in COPD.
9. Management of Knee Contracture in hemophilic arthropathy.
10. Hallux Valgus.

Write short notes on:

1. Erb's Paralysis.
2. Claw Hand Deformity.
3. Sciatic N.
4. Painful Arc Syndrome.
5. Shoulder Joint Complex.
6. Dynamics of the knee joint.
7. Bursae around knee joint.
8. Diabetic Foot.
9. Deep vein Thrombosis.
10. Etiopathology of Osteoporosis.