

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

[BPT 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 6290

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER IV – REHABILITATION MEDICINE
*Q.P. Code : 746290***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Demonstrate methods of evaluation for physical dysfunction and management of disabilities for muscular dystrophy.
2. Explain the principals involved in prescribing orthotic devices for different parts of the body & outline the purpose of each type and list major indications and contraindication.

II. Write notes on:

(10 x 5 = 50)

1. Post-polio syndrome.
2. Co-ordination exercises.
3. Myoelectric hand.
4. Rheumatoid hand deformities.
5. Cardio pulmonary changes in the elderly.
6. Syme's prosthesis.
7. Rehabilitation nurse.
8. Various Sockets for a below knee stump.
9. Postural drainage.
10. Re-education following tendon transfer surgery.

III. Short answers on:

(10 x 2 = 20)

1. SACH foot.
2. Dysarthria.
3. Gower's sign.
4. Repetition Maximum (RM).
5. Modified Ashworth scale.
6. Ape thumb deformity.
7. Phantom limb pain.
8. Four-point Gait.
9. Postural changes in elderly.
10. Intrinsic minus deformity.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BPT 0622]

**JUNE 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 6290

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER IV – REHABILITATION MEDICINE
*Q.P. Code : 746290***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the rehabilitation process for a person with right hemiplegia secondary to cerebrovascular haemorrhage.
2. Identify communication problems, classify these and outline principles of treatment.

II. Write notes on:

(10 x 5 = 50)

1. Rehabilitation of a lower limb fracture patient.
2. Mobility aids used in rehabilitation.
3. Geriatric rehabilitation for osteoarthritis.
4. Rehabilitation of weak muscles and exercise regime.
5. Role of physiotherapist in stroke rehabilitation.
6. Common behavioural problems and management.
7. Types of wheel chair.
8. Prosthetic upper limb.
9. What is total claw hand? Describe the orthotic management of claw hand?
10. Describe strength duration curve and its significance.

III. Short answers on:

(10 x 2 = 20)

1. Rehabilitation workers.
2. Frenkel's exercise in rehabilitation.
3. Global aphasia.
4. Define stroke.
5. Types of crutches used in rehabilitation.
6. Immediate post operative prosthetic fitting.
7. Taylors brace.
8. Community based rehabilitation.
9. Vocational rehabilitation.
10. Architectural barriers.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BPT 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 6290

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER IV – REHABILITATION MEDICINE
Q.P. Code : 746290**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Discuss methods and term involved in pre-vocational evaluation and training.
2. Describe architectural barriers and possible modifications with reference to disabling conditions.

II. Write notes on: (10 x 5 = 50)

1. Rehabilitation of a cardiac surgery patient.
2. Disability evaluation in cardiorespiratory patient.
3. Types of mobility aids and uses.
4. Rehabilitation of cerebral palsy.
5. Role of occupational therapist in high level quadriplegia.
6. Evaluation of physical dysfunction in adult spastic diplegia.
7. Myofascial pain syndrome & management.
8. Describe types of artificial lower limbs and their functions.
9. Home rehabilitation in cerebro vascular accident.
10. Social implications of disability for the individual with peripheral nerve lesion secondary to leprosy.

III. Short answers on: (10 x 2 = 20)

1. Define vocational counsellor and role in rehabilitation.
2. Balance training in rehabilitation.
3. Define cerebral palsy.
4. Define stroke in young.
5. Arch supports in rehabilitation of foot conditions.
6. Pain gate Theory.
7. Jones fracture.
8. Define disability.
9. Define handicapped.
10. Role of physiotherapist in rehabilitation team.
