

[KD 924]

Sub. Code : 5179

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth Semester/Eighth Semester

(Common to BPT and BOT)

(Revised/Transitory/Modified Regulations)

REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) List down the communication disorders in disabled persons. Discuss the speech and language disorders and its management in a 50 years male after a left sided cerebrovascular accident.

Or

(b) Discuss the goals of Rehabilitation complications and the role of therapists in the management of a spinal cord injury patient with C₆ tetraplegia.

2. Write short notes on any SIX of the following :
(6 × 5 = 30)

- (a) Medical social worker.
- (b) Proprioceptive neuromuscular facilitation.
- (c) Strength duration curve.
- (d) Trigger points.

(e) Pressure sores.

(f) Endurance exercises.

(g) Osteoporosis.

(h) Periarthritis shoulder.

3. Write an essay on any ONE of the following : (20)

(a) Describe the signs symptoms deformities in Rheumatoid Arthritis. Discuss the role of therapists in rehabilitation of a patient with Rheumatoid Arthritis.

Or

(b) List down the causes of Arterial occlusive diseases. Discuss the role of physiotherapist in rehabilitation of 35 years male with thrombo angitis obliterans (Beurger's disease).

4. Write short notes on any SIX of the following .
(6 × 5 = 30)

- (a) Milwaukee Brace.
- (b) Isometric exercise.
- (c) SACH Foot.
- (d) Risk factors in stroke patients.
- (e) Guillain-barre syndrome.
- (f) Postural changes in ageing.
- (g) Claw hand.
- (h) Vocational rehabilitation.

[KH 980] September-2002 Sub. Code : 5180

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Eighth Semester

(Modified Regulations)

Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION

Time : Three hours

Maximum : 100 marks

1. (a) Discuss in detail regarding various cardio-respiratory problems encountered during geriatric rehabilitation. (20)

Or

- (b) Write an essay on common neurological disorders in the elderly and the role of physiotherapist in the rehabilitation program. (20)

2. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Club Foot

(b) Pes Planus

- (c) Milwaukee brace
 - (d) Architectural barriers
 - (e) Hearing aids
 - (f) Hydrotherapy
 - (g) Vocational rehabilitation
 - (h) Minimal erythema dose.
3. (a) Define physiatrist and discuss in detail about the team approach employed in rehabilitation medicine.
(20)

Or

(b) Discuss in detail about the effectiveness of bowel training program and long term bowel problems faced by spinal cord injury patients.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

- (a) Genu valgum
- (b) Wheel chair
- (c) Gower's sign
- (d) Mariner's wheel
- (e) Long opponents orthosis

[KI 980]

Sub. Code : 5180 April-2003

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Eighth Semester

(Modified Regulations)

Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE : (1 × 20 = 20)

(a) Discuss the role of physiotherapist in the management of 50 yrs. old female with Rt Sided Hemiplegia.

Or

(b) Discuss the role of physiotherapist in the management of traumatic brain injury.

2. Write short notes on any SIX : (6 × 5 = 30)

- (a) Mechanism of MS. Strengthening
- (b) Balance re education
- (c) Peripheral Nerve lesion evaluation
- (d) Milwaukee brace

- (e) Claw hand
- (f) Lumbar Lordosis
- (g) CBR
- (h) Autonomous bladder.

3. Write an essay on any ONE of the following : (20)

(a) Define the term rehabilitation. Explain its principles in the Outline of rehabilitation.

(b) Describe the theories of pain and discuss the common Myo-fascial pain syndrome and outline their management

4. Write short notes on any SIX : (6 × 5 = 30)

- (a) Hydro therapy
- (b) Endurance Exercises
- (c) Behavioural problem in disabled
- (d) Physical dysfunction
- (e) Contra indications for Orthotic device
- (f) Elbow crutch
- (g) Waddling gait in Muscular dystrophy
- (h) Hand deformities in Rheumatoid Arthritis.

April-2003

[KI 992]

Sub. Code : 5187

B.P.T. DEGREE EXAMINATION.

Eighth Semester

(New/Modified Regulations)

**Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION**

Time : Three hours

Maximum : 100 marks

1. Write an essay on any one of the following : (20)

(a) Define Muscular Dystrophy. Discuss the signs, symptoms and the role of therapist in rehabilitation of 7 years old boy with Duchenne Muscular dystrophy.

(b) Classify nerve injuries. Discuss the evaluation investigations and management of a post traumatic radial nerve injury in right hand.

2. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Occupational Therapy

(b) Muscle Re-education

(c) Somibrace

(d) Mat exercise

(e) Rheumatoid hand

(f) Neurogenic bladder

(g) Trigger finger

(h) Subacromial Bursitis.

3. Write an essay on any ONE of the following : (20)

(a) List out the causes of amputation. Discuss the management and the role of therapists in rehabilitation of right sided below elbow amputee.

(b) Enumerate the common disorders in Geriatric patients. Describe about one of the disorders and discuss about its management.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Beurger's exercise

(b) Parkinsonism

(c) Syme's Prosthesis

(d) Flat foot

(e) Fibromyalgia

(f) Tilt Table

(g) Rombergism

(h) Floor reaction orthosis.

[KI 992]

[KJ 980]

Sub. Code : 5180

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Eighth Semester

(Modified Regulations)

Paper IV — REHABILITATION MEDICINE INCLUDING GERIATRIC REHABILITATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes	Theory : 80 marks
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MCQ : Twenty minutes

MCQ must be answered **SEPARATELY** on the answer sheet provided as per the instructions on the first page of MCQ Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions. (2 × 15 = 30)

1. Describe the comprehensive rehabilitation programme, for a 27 years old, male executive, with above knee amputation, of six weeks duration. (done due to a road traffic accident)

2. Define Geriatric rehabilitation. Describe the rehabilitation programme for a 66 years old housewife, with right sided hemiplegia, of four weeks duration due to stroke.

II. Short notes : (10 × 5 = 50)

- (a) Ankle Foot Orthosis
- (b) Architectural Barriers
- (c) Adaptive Devices
- (d) Terminal Devices in upper limb prostheses.
- (e) Community Based Rehabilitation
- (f) Deep Vein Thrombosis
- (g) Cryotherapy
- (h) Pressure Sores
- (i) Carpal Tunnel Syndrome
- (j) Pain management in Periarthritis shoulder.

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II. Answer ALL short notes :

(10 × 5 = 50)

B.P.T. DEGREE EXAMINATION.

Eighth Semester

(New/Modified Regulations)

**Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions
on the first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

(1) Write a detailed essay of architectural
barriers in rehabilitation. (15)

(2) Describe in detail about the rehabilitation of
50 yrs male with right sided hemiplegia who already
had left below knee amputation. (15)

- (a) Milwaukee Brace.
- (b) Long opponen's splint.
- (c) Scot Craig Orthosis.
- (d) Nerve blocks using Electrical Stimulator.
- (e) Bio feedback.
- (f) Uninhibited bladder.
- (g) Myoelectric upper limb prosthesis.
- (h) Patho-physiology of Bed sores.
- (i) Post traumatic amnesia.
- (j) Management of Tennis Elbow.

[KL 980]

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BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

(Modified Regulations)

Eighth Semester

Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (2 × 15 = 30)

(1) Discuss the etiology, clinical features, complications and management of right sided hemiplegia.

(2) Discuss the role of rehabilitation team following myocardial infarction in a 65 years old male.

II. Write short notes on :

(10 × 5 = 50)

- (a) Tenodesis splint.
- (b) Sensory reeducation.
- (c) Sheltered workshop.
- (d) Functional electrical stimulation.
- (e) Communication problems.
- (f) Atonic bladder.
- (g) Myofacial Trigger point.
- (h) Hetero trophic ossification.
- (i) Theories of ageing.
- (j) Bent knee prosthesis.

[KL 992]

Sub. Code : 5187

B.P.T. DEGREE EXAMINATION.

Eighth Semester

(New / Modified Regulations)

**Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Discuss the team work involved in rehabilitation of D₁₂ paraplegia in a 20 year old Carpenter.

(2) Describe the Architectural Barriers and possible modifications in a 30 year old woman with Rheumatoid arthritis.

II. Answer ALL the questions : (10 × 5 = 50)

- (a) Myoelectric Hand
 - (b) Postural drainage
 - (c) Broca's aphasia
 - (d) Acute Myositis ossificans
 - (e) Lumbo sacral corset
 - (f) Mechanical backach
 - (g) Pesplanus
 - (h) Community Based Rehabilitation
 - (i) Disability evaluation
 - (j) The Ageing body.
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