

[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.

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BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Sixth/Seventh 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) Detail the Rehabilitation program for an executive with Chronic Low Back Pain.

(b) What is your Rehabilitation approach to a lady with Rheumatoid Polyarthritis?

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

(a) Spasticity

(b) Ataxic Gait

(c) Milwaukee Brace

(d) Anxiety

(e) Aphasia

(f) Bell palsy

(g) Myositis ossificans

(h) Total knee replacement.

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

(a) Cerebral Palsy — Classification. Detail the Rehabilitation program for a child with Spastic Diplegia.

(b) Amputation — Causes. How will you Rehabilitate a young below knee amputee?

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

(a) Shoulder hand syndrome

(b) Wheel chair

(c) Vocational Training

(d) Terminal device

(e) Architectural Barriers

(f) Dynamic Splint

(g) Hemianopia

(h) Limb length discrepancy.

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**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Sixth/Seventh Semester

(Common to BPT and BOT)

(Revised/Transitory/Modified Regulations)

REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

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

(a) Define pain. Explain the theories of pain.

(b) Discuss the Rehabilitation of a 33 year old business executive with Chronic Restrictive pulmonary disease.

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

(a) Delorme's exercises.

(b) ADL activities.

(c) Lateral popliteal nerve palsy.

(d) Myopathy.

(e) Syme's Prosthesis.

(f) Axillary crutches.

(g) Dysarthria.

(h) Supraspinates tendinitis.

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

(a) Discuss the Rehabilitation plan for a 8 year old child with cerebral palsy and mental retardation.

(b) Discuss the Rehabilitation Programme of a 40 year old professional with myocardial infarction.

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

(a) Electromyography.

(b) Deep vein thrombosis.

(c) Diabetic foot.

(d) Ankle foot orthosis.

(e) Knuckle Bender's splint.

(f) Lumbo sacral corset.

(g) Neurogenic bladder.

(h) Hydrotherapy.

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REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

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

(a) Discuss the role of physiotherapist in the Rehabilitation of Cardio-Respiratory condition.

(b) Discuss the role of physiotherapist in the Rehabilitation of traumatic spinal cord injury at the level of C₅-C₆.

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

(a) PTB prosthesis

(b) Myo fascial pain

(c) Scoliosis

(d) Un inhibited Bladder.

(e) Management of Muscle Spasm

(f) Principles of Muscle Strengthening

(g) Trendelenburg gait

(h) Balance re-education.

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

(a) Compare Community Based Rehabilitation with that of Institution Based Rehabilitation.

Or

(b) Discuss in detail Geriatric Rehabilitation with special reference to

(i) Musculo-Skeletal Disability

(ii) Cardio-Respiratory Dysfunction.

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

(a) Interdisciplinary team

(b) Bio feed back

(c) Foot Orthosis

(d) Architectural barrier

(e) Below knee prosthesis

(f) Incentive spirometry

(g) SACH foot

(h) Sensory Rehabilitation.

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REHABILITATION MEDICINE

a : Three hours

Maximum : 100 marks

Write an essay on any ONE of the following :

(20 marks)

(a) Explain the indications for mobility aids and their functions. Write about wheel chair and crutches.

Or

(b) Discuss in detail about the effectiveness of bowel Training program and long term Bowel Problems caused by spinal cord injury patients.

Write short notes on any SIX of the following :

(6 × 5 = 30)

- (a) Creeper for Cerebral palsy children**
- (b) Tricycle**
- (c) Short Opponens Orthosis**
- (d) Define occupational therapist**
- (e) Treatment of scoliosis**
- (f) Goniometer**
- (g) Decubitus ulcers**
- (h) Ambulation training.**

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

(20 marks)

(a) Define physiatrist and discuss in detail about the team approach employed in Rehabilitation Medicine.

Or

(b) Write an essay about Rehabilitation program for burns and explain about rule of nine.

4. Write short notes on any SIX of the following :

(6 × 5 = 30)

- (a) Milwaukee Brace**
- (b) Mariner's wheel**
- (c) Hearing Aids**
- (d) Hydrotherapy**
- (e) Cryokinetics**
- (f) Aphasia**
- (g) Long Opponens Orthosis.**
- (h) Architectural barriers.**

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REHABILITATION MEDICINE

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 the M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(2 × 15 =

1. What is rehabilitation? Describe in detail
functions of team members. (15)

2. Describe in detail management and rehabilitation
of right below knee amputee who is a postman. (15)

II. Write short notes :

(10 × 5 = 50)

(a) Spasmodic torticollis.

(b) Muscle-re-education after tendon transfer.

(c) Neurogenic bladder.

(d) Lumbo sacral belt.

(e) Architectural barriers.

(f) In-coordination.

(g) Cock-Up-Splint.

(h) Muscular dystrophy.

(i) Scissor gait.

(j) Muscle power evaluation.

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REHABILITATION MEDICINE

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) Describe the comprehensive rehabilitation programme, for a 27 yrs old male executive, with spinal cord injury – complete, T-12, both sides – of six weeks duration and with stable spinal fractures.

(2) Define geriatric rehabilitation, describe the rehabilitation programme for a 66 years old housewife with rheumatoid arthritis, with history having native medicine treatment for last three decades.

II. Short notes : (10 × 5 = 50)

- (a) Below knee prostheses.
- (b) Hearing aids.
- (c) Phantom Pain.
- (d) Exercise therapies for cerebral palsy children.
- (e) Duchenne muscular dystroph's.
- (f) Aphasia.
- (g) Vocational rehabilitation.
- (h) Activities of daily living.
- (i) Tilt table.
- (j) Pain management in osteoarthritis knee.