

NOVEMBER - 1994

ND 807

Bachelor of Physiotherapy Degree Examination

Sixth Semester

(New Regulations & Transitory)

Rehabilitation Medicine

(Common to BPT and BOT)

Time: Three Hours

Max. Marks: 100

Answer section A and B in separate answer books

Section-A

1. Discuss the behaviour problems in physically disabled with their management principles. (14)

OR

Define rehabilitation. Explain the short and long term goals in rehabilitation of a typist who is suffering from right hand injury.

2. Write any two of the following : (2x8= 16)
- Vojta therapy.
 - Sensory reeducation
 - Biofeed back mechanism.
3. Write any five of the following : (5x4= 20)
- CTEV
 - Athetosis
 - Stereognosis
 - Muscle reeducation
 - Opponens splint
 - Claw hand
 - Assisted exercises

Section B

1. Enumerate the deformities found in Hansens disease. Explain (14) the rehabilitative program for any two deformities.

OR

Discuss the therapy modalities used for the rehabilitation of right brachial plexus injury in a right handed person

2. Write any two of the following : (2x8= 16)

- Shoulder hand syndrome
- Tests for in-coordination
- Deputren's contracture.

3. Write any five of the following : (5x4= 20)

- IQ.
- Cock up splint
- Genu recurvatum
- Carrying angle
- Depression
- Stubbies
- Hemiplegic gait .

NOVEMBER - 1995

[MB 927]

**Bachelor of Physiotherapy
Degree Examination**

(New Regulations)

REHABILITATION MEDICINE
(Common to BPT and BOT)

Time : Three hours Maximum : 100 marks

Answer Sections A and B in separate answer books

SECTION - A

1. Describe various communication problems in the disabled. Discuss the principles of management of the same.

OR

Define Rehabilitation. Discuss the rehabilitation of a patient with right sided Below elbow amputation. (14)

2. Write any TWO of the following : (2X8 = 16)
- a) Brunnstrom theory
 - b) Frankel's Exercises
 - c) Pain Gate theory
3. Write any FIVE of the following : (5X4 = 20)
- a) Ataxia
 - b) Proprioception
 - c) Denis Browne splint
 - d) Trigger finger
 - e) Isometric exercises
 - f) Rigidity

SECTION

1. Enumerate various deformities found in Rheumatoid arthritis. Explain the rehabilitation programme for any two.

OR

Enumerate the local complications of fractures. Discuss the clinical presentation and management of a case of fracture neck of femur. (14)

2. Discuss any TWO of the following : (2X8 = 16)
- a) Hansen's disease
 - b) Colle's fracture
 - c) Myo-facial pain syndrome
3. Write any FIVE of the following : (5X4 = 20)
- a) Periarthritis
 - b) Gibbus
 - c) Erb's palsy
 - d) Opponen's splint
 - e) Gutter crutches
 - f) Scoliosis

APRIL - 1996

[AK 930]

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

(New Regulations and Transitory)

REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate answer books.

SECTION A

1. (a) What do you understand by the term "Rehabilitation Team"? Enumerate the professionals involved in the team with their specific roles as individuals and as a member of the team.

Or

(b) What is a goal planning in Rehabilitation? What short and long term goals will you set for a football player with 2 weeks old meniscus injury? (14)

2. Answer any TWO of the following : (2 × 8 = 16)

(a) What is muscle spasm? What does it signify? How would you reduce the spasm in case of spasmodic torticollis?

(b) Discuss briefly about the role of Bio-feedback in Rehabilitation of a stroke patient.

(c) What is the significance of Endurance Training in wheel chair bound disabled? Discuss briefly about the relevant instrumentation required for this purpose.

[AK 930]

3. Write short notes on any FIVE of the following :

(5 × 4 = 20)

(a) Genu valgum.

(b) Ataxia.

(c) Two point discrimination.

(d) Vestibular stimulation.

(e) Isokinetic exercises.

(f) Painful ark syndrome.

SECTION B

4. (a) Define communication disability. Classify communication disabilities and discuss the line of management of any one communication impairment.

Or

(b) Discuss the techniques of co-ordination training in a case of parkinsonism as opposed to that in a case of cerebellar ataxia, in a comparative format of clinical presentation. (14)

5. Write on any TWO :

(2 × 8 = 16)

(a) Hydrotherapy in the spastics.

(b) Intermittent positive ventilation as an adjunct to chest physiotherapy.

(c) Transfer techniques of tetraplegics.

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[AK 980]

6. Write short notes on any FIVE : (5 × 4 = 20)
- (a) Assisted exercises.
 - (b) Access for the disabled.
 - (c) Osteoporosis.
 - (d) Disabled advocacy.
 - (e) Foot drop.
 - (f) Floor reaction orthosis.
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APRIL - 1996

[AK 947]

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(Revised Regulations)

Fifth Semester

Paper IV — REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

Write Sections A and B in separate answer books.

SECTION A

1. (a) Discuss the aims and principles of physical rehabilitation.

Or

(b) Discuss the role of interdisciplinary team work in the rehabilitation of the physically disabled. (14)

2. Write briefly on any TWO of the following : (2 × 8 = 16)

(a) Techniques of spinal mobilisation.

(b) Techniques of functional re-education of transferred muscles.

(c) Suspension therapy and its role in muscle strengthening.

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[AK 947]

3. Write short notes on any FIVE of the following :
(5 × 4 = 20)

(a) TENS & Pain modulation.

(b) Evaluation of physiologic cost index in tetraplegics.

(c) Role of /occupational therapist in care of head injury patient.

(d) Guillain Barre syndrome and its long term management.

(e) Atelectasis.

(f) Deep vein thrombosis.

SECTION B

4. (a) Discuss the role of pre-vocational evaluation and training in the total rehabilitation of the disabled.

Or

(b) Discuss the check out protocol of lower limb prostheses with reference to gait deviations observed. (14)

5. Write on any TWO of the following : (2 × 8 = 16)

(a) Mobility aids.

(b) Barrier free environment for the disabled.

(c) Environment control system.

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[AK 947]

6. Write short notes on any FIVE of the following :
(5 × 4 = 20)
- (a) Kyphoscoliosis.
 - (b) Demyelinating disorders.
 - (c) Exercise planning for muscular dystrophy.
 - (d) Management of acute Poliomyelitis.
 - (e) Gait analysis in CNS lesions.
 - (f) Intelligent Quotient.
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OCTOBER - 1996

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION

FIFTH SEMESTER
(REVISED REGULATIONS)
(For 1993-94 batch)

PAPER IV - REHABILITATION MEDICINE

Time: Three hours

Max:100 marks

Answer Sections A and B in
separate answer books

SECTION - A

1. Answer any ONE: (1x14=14)
 - a) Describe the value of Pre Vocational Assessment in Rehabilitation.
 - b) Describe the role of Occupational therapist in Rehabilitation.

2. Answer any TWO: (2x8=16)
 - a) Describe various methods of relieving Spasm.
 - b) Bladder training in Paraplegia
 - c) Wheel Chair

3. Write short notes on any FIVE: (5x4=20)
 - a) Genu Valgum
 - b) Rigidity
 - d) Posterior Column Sensations

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c) Theories of pain

e) Isokinetic Exercise

f) Trigger Points

*- control on pressure
Pain*

SECTION - B

Paper II Rehab. Medicine

4. Answer any ONE: (1x14=14)

a) Describe Rehabilitation of right sided Hemiplegia in a 40 years old woman.

b) Describe Gait Training in Parkinsonism

5. Write on any TWO: (2x8=16)

a) Describe the Orthosis for Scoliosis

b) Classify splints. Discuss splints used for median nerve paralysis.

c) Describe Prosthesis for Below knee Amputee

6. Write short notes on any, FIVE: (5x4=20)

a) Assisted exercises

b) Architectural barriers

c) Legal aspects of disability

d) Vocational Counsellor

e) Myositis Ossificans

f) Erb's Palsy.

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APRIL - 1997

[MP 916]

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION

Sixth Semester

(New/Revised Regulations and Transitory)

Paper IV — REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours.

Maximum : 100 marks.

Answer Sections A and B in separate answer books.

SECTION A — (50 marks)

1. Write an essay on any ONE of the following : (14)
 - (a) What do you understand by "Holistic rehabilitation"? Enumerate the professionals involved and the roles played by them.
 - (b) Discuss the role of physiatrist and physiotherapist in the team treating a young quadriplegic lady.
2. Write brief answers on any TWO of the following : (2×8=16)
 - (a) Rehabilitation of a patient with severe communication disorder.
 - (b) Rehabilitation of a patient with Hansen's disease.
 - (c) What are functional aids and describe their indications.

[MP 916]

3. Write short notes on any FIVE of the following : (5×4=20)
 - (a) Genu recurvatum.
 - (b) Athetosis.
 - (c) Cortical sensations.
 - (d) Anaerobic exercises.
 - (e) Resisted exercises.
 - (f) Prevocational evaluation.
 - (g) Muscle power evaluation.

SECTION B — (50 marks)

4. Write an essay on any ONE of the following : (14)
 - (a) Describe the theories of pain. Discuss the management of pain using various modalities.
 - (b) Describe the muscle re-education following tendon-transfer surgery.
5. Write brief answers on any TWO of the following : (2×8=16)
 - (a) Maintenance of muscle tone.
 - (b) Types of torticollis and their treatment.
 - (c) Orthotic for lower motor neuron paralysis in lower limbs.

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[MP 916]

6. Write short notes on any FIVE of the following :
(5×4=20)

- (a) Spina-bifida.
- (b) Dynamic splints.
- (c) Wheel chair sports.
- (d) Extra articular manifestations of rheumatoid arthritis.
- (e) Kitchen modifications for wheel chair in a modern apartment.
- (f) Munster socket.
- (g) Erb's point.

OCTOBER - 1997

[MS 916]

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth Semester

(New/Revised Regulations and Transitory)

REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (20)
 - (a) Describe the rehabilitation of a person with traumatic paraplegia at T6 level.
 - (b) Describe the rehabilitation of a person with left sided stroke due to cerebro vascular accident.
2. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Functional electrical stimulation.
 - (b) Lateral column sensation.
 - (c) Integrated education.
 - (d) 'Q' angle.
 - (e) Ataxia.
 - (f) Vocational counselling.
 - (g) Neurogenic bladder.
 - (h) Tibia varus.

[MS 916]

SECTION B

3. Write an essay on any ONE of the following : (20)
 - (a) Enumerate the various deformities in Rheumatoid disease and briefly describe the treatment.
 - (b) Explain the principles involved in prescribing the orthotic devices for different parts of the body.
4. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Cauda equina.
 - (b) Splints.
 - (c) Terminal devices.
 - (d) Architectural barriers.
 - (e) Lumbo-sacral belt.
 - (f) Weight relieving caliper.
 - (g) Endurance exercise.
 - (h) Supraspinatous tendonitis.

APRIL - 1998

[SV 916]

Sub. Code : 5174/5178

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth Semester

(New/Revised Regulations)

Paper IV — REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following :
(20 marks)
 - (a) Describe the Rehabilitation of a person with parkinsonism.
 - (b) Describe the stages of Rehabilitation in infective polynneuritis.
2. Write short notes on any SIX : (6 × 5 = 30 marks)
 - (a) Triple displacement.
 - (b) Co-ordination exercises.
 - (c) Genu Valgum.
 - (d) Autonomous Bladder.
 - (e) Brown sequard syndrome.
 - (f) Rombergism.
 - (g) DeLorme Exercises.
 - (h) Conus medullaris.

SECTION B

3. Write an essay on any ONE of the following : (20 marks)
 - (a) Describe the methods of treatment for correction of fixed flexion deformity in the knee joint.
 - (b) Describe the various splints available in the correction of deformities in hand.
4. Write short notes on any SIX : (6 × 5 = 30 marks)
 - (a) PTB prosthesis.
 - (b) Aphasia.
 - (c) Taylor's Brace.
 - (d) OSGOOD Slaughter's Disease.
 - (e) SYME's prosthesis.
 - (f) VBI.
 - (g) CBR.
 - (h) Incontinence.

OCTOBER - 1998

[SM 916]

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth Semester

(New/Revised Regulations and Transitory)

REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

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

(a) Describe the manifestations and management of immobilisation syndrome.

(b) Describe the positioning programme for the chronically disabled person.

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

(a) Motor Neuron.

(b) Athetosis.

(c) Aphasia.

(d) prevocational therapist.

(e) Functional mobility training.

(f) Stretch Reflex.

(g) Shoulder hand syndrome.

(h) Group therapy.

SECTION B

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

(a) Describe the circumferential and sling traction to the spine and enumerate its problems.

(b) Describe the rehabilitation of a person with parkinsonism.

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

(a) Phantom limb pain.

(b) SOMI.

(c) Club foot boot.

(d) Walker.

(e) Hearing Aids.

(f) Amputee clinic.

(g) Agnosia.

(h) Cystometrogram.

APRIL - 1999

[SG 916]

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Sixth Semester

(New/Revised Regulations and Transitory)

REHABILITATION MEDICINE

(Common to BPT and BOT)

Time : Three hours Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (20)
 - (a) Describe the complications of Deep vein thrombosis in cervical spine injury and its management.
 - (b) Describe the Rehabilitation of a person aged sixty years with Ankylosing Spondylitis.
2. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Goniometry
 - (b) Sheltered workshop
 - (c) Dysarthria
 - (d) Flat foot
 - (e) Dosimetry
 - (f) Wheel chair
 - (g) Herpetic Neuralgia
 - (h) Dystonia.

SECTION B

3. Write an essay with any ONE of the following :(20)
 - (a) Enumerate the various deformities in Hansen's disease and briefly describe its treatment.
 - (b) What is Self Range of Motion? Describe the training methods of Self Range of Motion for a person with spinal injury.
4. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Below Knee Prosthesis.
 - (b) Axillary Crutches.
 - (c) Halter Traction.
 - (d) Golfers Elbow.
 - (e) Tremur.
 - (f) Rehabilitation nurse.
 - (g) Community based Rehabilitation.
 - (h) Workmen's Compensation Act.