

April-1992

[688]

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION, APRIL 1992.**

Sixth Semester — New Regulations

Paper IV — REHABILITATION MEDICINE

Time : Three hours.

Maximum : 100 marks.

Answer Sections A and B in separate answer books.

SECTION A — (3 × 20 = 60 marks)

Answer any THREE questions.

1. Define spasticity and contracture. As a Physiotherapist how will you plan and manage a bed-ridden chronically patient to prevent and manage contractures?
2. Write short notes on :
 - (a) Terminal device
 - (b) Phantom pain
 - (c) Break down of eating activities
 - (d) Selfhelp devices.
3. What do you understand by the term 'Rehabilitation team'? Mention briefly the role of each member of the team in the Rehabilitation of a Traumatic paraplegic with bladder problem.
4. Define Endurance. What are the techniques available to increase the endurance of muscles?

SECTION B — (4 × 10 = 40 marks)

Answer any FOUR questions.

5. What is motor and sensory re-education? How will you re-educate a patient for whom following tendon transfers are done?
Pronator teres to E.C.R.B.
Palmaris longus to E.P.L.
Flexor carpi radialis to finger extensors.
6. Discuss in detail how you will propose to manage the Psychosocial and legal aspects of 25 years old Office Manager who had above-elbow amputation of the right upper limb following a Road Traffic Accident.
7. What are the architectural barriers you come across in a rural set up for a wheel chair patient?
Discuss in detail about your plan of overcoming them.
8. Write short notes on :
 - (a) Handicap Vs disability.
 - (b) Workman's compensation Act.
 - (c) Hand eye co-ordination.
 - (d) Physical agents available to reduce spasticity.
9. How will you mobilise the community resources to rehabilitation a Polio afflicted victim?
10. How will you plan for continued community-based rehabilitation for a rural female Hemiplegic patient for whom institutional medical rehabilitation has been completed?

April-1994

[VM 487]

Bachelor of Physiotherapy Degree Examination

New Regulation

Semester VI

REHABILITATION MEDICINE

Time : 3 hours

Max. Marks 100

Answer Section A and Section B in Separate
answer books

SECTION-A

1. Discuss the concept of Team approach in Rehabilitation. Explain the role of each member of the team in rehabilitation of the disabled.

OR

Define rehabilitation and explain the short and long term goals in the rehabilitation of a patient who suffered a stroke. (10)

2. Write any TWO of the following : (2X8=16)

- a) PNF Technique
- b) MRP
- c) Gait training

3. Write any FIVE of the following : (5 X 4 = 20)

- a) Dysarthria
- b) PTB Prosthesis
- c) Hand deformities
- d) CTEV
- e) Common sports injuries around the Knee joint
- f) CPR
- g) THR

SECTION-B

4. Explain in detail, the rehabilitation of a spinal cord injured patient. 14

OR

What are the various levels of amputations. Discuss the rehabilitation of a young man with a below knee amputation following road traffic accident.

5. Write briefly on any TWO of the following :

(2 X 8 = 16)

- a) Milwaukee brace
- b) HKAFO
- c) Pain theories

6. Write any FIVE of the following : (5 X 4 = 20)

- a) Architectural barriers
- b) Mobility aids
- c) Vocational evaluation
- d) Role of medical social worker
- e) DRC
- f) Pulmonary function test
- g) Tread mill

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.

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
a. Vojta therapy.
b. Sensory reeducation
c. Biofeedback mechanism.

(2x8 = 16)

3. Write any five of the following
a. CTEV
b. Athetosis
c. Stereognosis
d. Muscle reeducation
e. Opponens splint
f. Claw hand
g. Assisted exercises

(5x4 = 20)

Section B

1. Enumerate the deformities found in Hansens disease. Explain 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.

(14)

2. Write any two of the following
a. Shoulder hand syndrome
b. Tests for in-coordination
c. Dupuytren's contracture.

(2x8 = 16)

3. Write any five of the following
a. IQ
b. Cock up splint
c. Genu recurvatum
d. Carrying angle
e. Depression
f. Stubbies
g. Hemiplegic gait.

(5x4 = 20)

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

[PK 916]

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Sixth Semester

(New/Revised Regulations and Transitory)

Paper IV — REHABILITATION MEDICINE

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 : (1 × 14 = 14)
 - (a) Explain the theory and mechanism of joint mobilisation.
 - (b) Discuss community based rehabilitation and the role of various members involved.
2. Write brief answers on any TWO of the following : (2 × 8 = 16)
 - (a) What are your short term goals in handling a patient with hemiplegia and how you may achieve them?
 - (b) Discuss the place of surgery in Rheumatoid arthritis.
 - (c) Explain the various requirements in a prescription for a wheelchair for an active paraplegic college student.
3. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Disability evaluation.
 - (b) Mobility aids.
 - (c) Role of speech pathologist in rehabilitation team.
 - (d) Government's role in rehabilitation of the disabled.
 - (e) Ataxic gait.
 - (f) Posture in hemiplegia.
 - (g) Crutch walking.

[PK 916]

SECTION B — (50 marks)

4. Write an essay on any ONE of the following : (1 × 14 = 14)
 - (a) Discuss your functional evaluation of a 20 year old below knee amputee and long term management.
 - (b) Discuss the evaluation and treatment planning for a 40 year old executive with acute low back pain.
5. Write brief answers on any TWO of the following : (2 × 8 = 16)
 - (a) Write a treatment plan for an asthmatic textile mill worker and explain your approach.
 - (b) Draw out a treatment plan for a man in ICCU on the second day following myocardial infarction and explain in detail.
 - (c) Enumerate your recommendations to an employer of a wheelchair bound employee in a city.
6. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Management of spasticity.
 - (b) Communication disability.
 - (c) Behavioural problems encountered during the rehabilitation of a disabled.
 - (d) Precautions during increasing endurance of muscles.
 - (e) Therapeutic management of pain.
 - (f) Architectural barriers.
 - (g) Vocational training.

[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) Lumbosacral 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 polyneuritis.
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.

[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.
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[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.