

APRIL - 2001

[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.

NOVEMBER - 2001

[KE 924]

Sub. Code : 5179

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.

NOVEMBER - 2001

[KE 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Seventh Semester

(New Modified Regulations)

REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

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

(a) Describe the clinical features, evaluation and motor training of a child suffering from cerebral palsy.

Or

(b) Define splints. Discuss in detail about the various splints used in peripheral nerve injuries.

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

(a) Trans cutaneous electrical stimulator

(b) Pelvic floor exercises

(c) Medical social worker

(d) Melodi-intonation therapy

(e) Quad cane

(f) Shoulder hand syndrome

(g) AIDS

(h) Community based rehabilitation.

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

(a) Define cardiac-rehabilitation. Discuss in detail about the overall goals of cardiac rehabilitation process.

Or

(b) Discuss the role of occupational therapy in rehabilitation of Hemiplegics.

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

(a) Architectural barriers

(b) Myoelectric hand

(c) Fibrillation potential

(d) Orthostatic hypotension

(e) Powered wheel chair

NOVEMBER - 2001

- (f) Glosso-pharyngeal breathing
 - (g) Boston Brace
 - (h) Disability evaluation.
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MARCH - 2002

[KG 924]

Sub. Code : 5179

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.

MARCH - 2002

[KG 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Seventh Semester

Paper II — REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

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

(a) Define rehabilitation. Discuss the role of a physiotherapist/occupational therapist as an active member of the team.

Or

(b) Discuss in detail the rehabilitation programme for a 40 year old professional with right hemiplegia.

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

- (a) Pressure sore**
- (b) Stump neuroma**
- (c) Lung functions test**
- (d) Swan neck deformity**
- (e) Spinal braces**

(f) Klumpkee's paralysis

(g) Surgeries in poliomyelitis

(h) Strength duration curve.

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

(a) Discuss in detail the rehabilitation programme of a spinal cord injury at the level of C 5 C 6.

Or

(b) Explain the rehabilitation programme of traumatic brain injury in a 10 year old school going boy following road traffic accident.

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

(a) RA factor

(b) Osteoarthritis

(c) Pesplanus

(d) Architectural barriers

(e) Milwaukee Brace

(f) SACH Foot

(g) Mobility aids

(h) TENS.

SEPTEMBER - 2002

[KH 924]

Sub. Code : 5179

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) 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.

SEPTEMBER - 2002

[KH 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

(New Modified Regulations)

Seventh Semester

Paper II — REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

1. Write an essay in any ONE of the following : (20)
 - (a) Define posture and enumerate in detail the maintenance of posture.
 - (b) Define gait. Explain in detail the normal gait pattern and the factors controlling gait.
2. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Co-ordination exercises
 - (b) Kyphoscoliosis
 - (c) Radial nerve injury
 - (d) Activities of daily living

- (e) Fibrillation potential
 - (f) Supraspinatus tendinitis
 - (g) Club foot boot
 - (h) Dysarthria.
3. Write an essay in any ONE of the following : (20)
 - (a) Describe in detail the rehabilitation programme of myocardial infarction.
 - (b) Describe in detail the rehabilitation of a below knee amputee.
 4. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Community based rehabilitation
 - (b) Codmann's exercise
 - (c) Deep Vein thrombosis
 - (d) Bilateral HKAFO
 - (e) Primitive reflexes
 - (f) Muscle tone
 - (g) Theories of pain
 - (h) Terminal device.

APRIL - 2003

KI 924]

Sub. Code : 5179

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

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.

APRIL - 2003

[KI 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

(New Modified Regulations)

Seventh Semester

Paper II — REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

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

(a) Define Rehabilitation. Discuss the role of the member of the team.

Or

(b) Discuss the principles and uses of Disability Evaluation.

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

- (a) Strengthening.
- (b) Hip ankle foot orthosis.
- (c) Architectural barriers.
- (d) Myofascial pain.
- (e) Dysarthria.
- (f) Vocational training.
- (g) Elbow clutch.
- (h) Shoe modification.

3. (a) Discuss the merits and demerits of community based and institutional based rehabilitation.

Or

(b) Discuss the rehabilitation of a 30 year, male above knee amputee. (1 × 20 = 20)

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

- (a) Spasticity.
- (b) Hand splints.
- (c) Behavioural problems.
- (d) Jaipur foot.
- (e) Aphasia.
- (f) Pain Gate Theory.
- (g) Muscle Re-education.
- (h) Syme's Prosthesis.

OCTOBER - 2003

[KJ 924]

Sub. Code : 5179

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

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.

OCTOBER - 2003

[KJ 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

(New Modified Regulations)

Seventh Semester

Paper II — 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 M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

1. Write in detail about wheel chair prescription.
2. Write in detail regarding the problems and management of 40 yrs old, female, T₁₀ spinal cord injury patient.

II. Write all the short notes : (10 × 5 = 50)

- (a) Halo Device.
- (b) Dynamic cock up splint.
- (c) Weight relieving caliper.
- (d) Scissoring gait.
- (e) Virchow's triad in D.V.T.
- (f) Disability evaluation.
- (g) Stored Energy Foot (S.T.E.N).
- (h) Target Heart Rate Range (T.H.R.R).
- (i) Galscow Coma Scale (G.C.S).
- (j) Selective Posterior Rhizotomy.

AUGUST - 2004

[KL 924]

Sub. Code : 5179

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

(Revised/Transitory/Modified Regulations)

Sixth/Seventh Semester

(Common to BPT and BOT)

REHABILITATION MEDICINE

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

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) Phatom 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.**

AUGUST - 2004

[KL 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New/Modified Regulations)

Seventh Semester

REHABILITATION MEDICINE

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

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.**
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FEBRUARY - 2005

[KM 924]

Sub. Code : 5179

B.P.T. DEGREE EXAMINATION.

(Revised/Transitory/Modified Regulations)

Sixth/Seventh Semester

(Common to BPT/BOT)

Paper IV — REHABILITATION MEDICINE

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

I.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay :

(2 × 15 = 30)

(1) Define Rehabilitation and briefly outline the duties of members of Rehabilitation team.

(2) Describe the disability process. Describe the methods of disability limitation.

II. Write short notes on the following : (10 × 5 = 50)

- (a) Oral Polio Vaccine**
 - (b) CBR**
 - (c) Endurance**
 - (d) Muscle Re-education**
 - (e) Co-ordination**
 - (f) Muscle spindle**
 - (g) Postural reflexes**
 - (h) Gate theory**
 - (i) Muscular dystrophy**
 - (j) PTB prosthesis.**
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FEBRUARY - 2005

[KM 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Seventh Semester

(New/Modified Regulations)

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 in detail community based rehabilitation mention advantages and disadvantages of community based rehabilitation.

(2) Describe management and rehabilitation of Hemiplegic patient who is a bank manager.

II. Short notes :

(10 × 5 = 50)

- (a) Speech pathologist.**
 - (b) Joint mobilisation.**
 - (c) Milwaukee brace.**
 - (d) Mobility aids.**
 - (e) Peri arthritis shoulder.**
 - (f) Patellar Tendon Bearing prosthesis.**
 - (g) Ideal stump.**
 - (h) Carpal tunnel syndrome.**
 - (i) Night splint.**
 - (j) Pressure sore.**
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AUGUST - 2005

KN 924]

Sub. Code : 5179

B.P.T. DEGREE EXAMINATION.

(Revised/Transitory/Modified Regulations)

Sixth/Seventh Semester

(Common to BPT/BOT)

Paper IV — 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.

Essay Questions :

(2 × 15 = 30)

(1) Classify spinal cord injuries. Discuss rehabilitative management of spastic paraplegia of L₁ level and mention architectural barrier modifications for it.

(2) Discuss rehabilitation of below knee amputee. Mention advantages and disadvantages of P.OF (Immediate post operative fitting of prosthesis).

II. Write short notes :

(10 × 5 = 50)

- (a) Different types of ankle joints in calipers.**
- (b) Taylor spinal brace.**
- (c) Patellar tendon supracondylar (P.T.S) prosthesis.**
- (d) Above knee prosthesis.**
- (e) Dynamic cock up splint.**
- (f) Myositis ossificans.**
- (g) Disability evaluation.**
- (h) Chopart's amputation.**
- (i) Carpal tunnel's syndrome and management**
- (j) Tennis elbow and management.**

AUGUST - 2005

[KN 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Seventh Semester

(New/Modified Regulations)

Paper IV — 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) Define Rehabilitation and Briefly outline the duties of members of rehabilitation team.

(2) Describe the disability process. Describe the methods of disability limitation.

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

(a) Oral Polio Vaccine

(b) Endurance

(c) CBR

(d) Muscle Re-education

(e) Co-ordination

(f) Muscle Spindle

(g) Postural Reflexes

(h) Gate theory

(i) Muscular Dystrophy

(j) PTB Prosthesis.

FEBRUARY - 2006

[KO 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Seventh Semester

(New modified Regulations)

Paper IV — 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) List the indications for amputation. Describe the rehabilitation of a twenty five year old boy with bilateral traumatic transfemoral amputation.

(2) Explain the patho-physiology of spasticity. How is it graded? Describe the various methods available for the management of spasticity.

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

- (a) Terminal devices in Upper Extremity prosthesis.
- (b) Saturday night palsy.
- (c) Deep vein thrombosis
- (d) Prevention of falls in the elderly
- (e) Aphasia
- (f) Osteoarthritis knee
- (g) Erbs Palsy
- (h) Axillary crutches
- (i) Bells Palsy
- (j) Classification of cerebral palsy.

AUGUST - 2006

[KP 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Seventh Semester

(New modified Regulations)

Paper IV — 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 :

1. Classify Arthritis. Describe in detail about the problems and the rehabilitation of a 25 years old, female computer operator, suffering from Rheumatoid Arthritis. (20)

2. Define vocational rehabilitation. Write in detail about the role of vocational rehabilitation team. (15)

3. Discuss the principles involved in the rehabilitation of a 10 year old boy with Spastic Diplegia. (15)

II. Short notes :

(6 × 5 = 30)

(a) S.O. M. I. braces

(b) Dysarthria.

(c) Sports wheel chairs.

(d) Principle of interferential therapy.

(e) Bouteniere splint.

(f) Proprioceptive neuro muscular facilitation.

FEBRUARY - 2007

[KQ 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Seventh Semester

(New modified Regulations)

Paper II — REHABILITATION MEDICINE

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Write in detail about the principle of aquatic rehabilitation with a special interest in spinal injuries. (20)

(2) Define cumulative trauma disorders. How do you manage with Hand-Arm vibration syndrome? (15)

(3) How do you take measurement of wheel chairs? Describe in detail about the powered wheel chairs. (15)

II. Write short notes on :

(6 × 5 = 30)

- (a) Olecranon bursitis
 - (b) Lofstrand crutch
 - (c) Automatic bladder
 - (d) Colles fracture
 - (e) Achillius tendinitis
 - (f) Laseques test.
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FEBRUARY 2008

[KS 985]

Sub. Code : 5904

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Seventh Semester

(New Modified Regulations)

Paper II — REHABILITATION MEDICINE

Q.P. Code : 785904

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. Define Activities of Daily Living (ADL). Discuss in detail about various assessment scale for rehabilitation ADL measurement.

2. Define Splints. Describe the various splints used in peripheral nerve injuries.

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

1. Pain modulation.
2. Primary prevention of coronary heart disease.
3. Terminal device for upper limb prostheses.
4. Price principles in sport injuries.
5. Rheumatoid hand deformities.
6. Aphasia.
7. Institution based rehabilitation.
8. Torticollis.
9. Metatarsalgia.
10. Writer's cramp.

AUGUST 2008

[KT 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

**Fourth Year — Non-Semester Regulations and
(New Modified regulations)**

Seventh semester

REHABILITATION MEDICINE

Q.P.Code : 785904

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay questions : (2 × 15 = 30)**
- 1. Define CBR and describe CBR module and compare this with an institutional based rehabilitation system.**
 - 2. Describe the common causes for spinal cord injury. Explain various rehabilitation for T₁₀ – T₁₁ level of spinal cord injury.**

AUGUST 2008

II. Short notes : (10 × 5 = 50)

1. Muscle re education after tendon transfer
2. Myo facial pain syndrome
3. Wry neck
4. Claw hand
5. Taylor brace
6. Principles of rehabilitation
7. Post polio syndrome
8. Joint protection techniques
9. Functional independence measure scale
10. Exo skeletal transfemoral prosthesis.

III. Write short answers : (10 × 2 = 20)

1. Delorm exercise
2. Phases of gait cycle
3. What is stuttering?
4. Bell and pad technique
5. Brachial neuralgia

6. Types of cerebral palsy
 7. Define decerebrate rigidity
 8. Ape thumb deformity
 9. Colle's fracture
 10. SAFE foot.
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February 2009

[KU 985]

Sub. Code: 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
Fourth Year Non-Semester
Seventh Semester - New Modified Regulations
REHABILITATION MEDICINE**

Q.P. Code : 785904

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. Discuss the evaluation and treatment planning for a 40 year old executive with acute low back pain.
2. What do you understand by the term 'Rehabilitation Team'? Enumerate the professionals involved in this team with their specific roles as individuals and as a member of the rehabilitation team.

II. Short Notes on : (10 x 5 = 50)

1. Co-ordination exercises.
2. Flat foot
3. Phantom limb pain.
4. Terminal devices of upper limb prosthesis.
5. Crutch walking.
6. Congenital Talipes Equino Varus deformity (CTEV)
7. Taylor's brace.
8. Assistive devices.
9. Wheel chair.
10. Genu varum.

III. Short Answer: (10 x 2 = 20)

1. Levels of amputation in the lower limb.
2. Cyanosis.
3. Madras foot.
4. Dequervain's tenosynovitis.
5. MCP chappal.
6. Scaphoid fracture.
7. Pyramidal tract.
8. Ankle foot orthosis (AFO).
9. Apraxia.
10. Rotator cuff.

August 2009

[KV 985]

Sub. Code: 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
Fourth Year Non-Semester
Seventh Semester - New Modified Regulations
REHABILITATION MEDICINE
Q.P. Code : 785904**

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. Write in detail about the assessment of self care and other activities of daily living.
2. Enumerate the various deformities in rheumatoid disease and briefly describe the treatment.

II. Short Notes on : (10 x 5 = 50)

1. Dysarthria.
2. Genu valgum.
3. Dermatomes.
4. Biofeedback for stroke.
5. Writer's cramp.
6. Madras foot.
7. Relaxed position for asthma.
8. Plantar fasciitis.
9. PTB prosthesis.
10. Balance training protocol.

III. Short Answer: (10 x 2 = 20)

1. Clubbing.
2. Levels of amputation in upper limb.
3. Types of aphraxia.
4. Pathophysiology of pressure sores.
5. Brown squard syndrome.
6. Define rehabilitation.
7. Define disability.
8. Day care centre.
9. Jaipur foot.
10. Knee ankle foot orthosis. (KAFO).

February 2010

[KW 985]

Sub. Code: 5904

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
Fourth Year Non-Semester
Seventh Semester - New Modified Regulations
REHABILITATION MEDICINE**

Q.P. Code : 785904

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. Explain the pathogenesis, grading and management of pressure sores.
2. Describe the types of Neurogenic bladder dysfunction and its rehabilitation.

II. Short Notes on : (10 x 5 = 50)

1. Deep vein thrombosis.
2. Outline the management of contractures.
3. Orthostatic hypotension.
4. Aphasia.
5. Club foot boot.
6. Zygoapophyscal joint.
7. Swedish knee cage.
8. Torticollis.
9. Metatarsalgia.
10. Syme's prosthesis.

III. Short Answer: (10 x 2 = 20)

1. Hand functions.
2. Plantar fasciitis.
3. Meralgia paraesthesia.
4. SOMI Brace (Sterno Occipito Mandibular Immobilisation Brace).
5. Mallet finger.
6. Erb's palsy.
7. Modified barthel index.
8. Jaipur foot.
9. Simple shell orthosis.
10. Legal aspects of disability.

August 2010

[KX 985]

Sub. Code : 5904

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION**

**Fourth Year Non – Semester and
Seventh Semester New Modified Regulations
REHABILITATION MEDICINE**

Q.P. Code : 785904

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary

I. Essays:

(2X15=30)

1. Discuss the rehabilitation of a patient with left sided Hemiplegia due to Cerebro Vascular Accident.
2. How do you assess Scoliosis? Write in detail about the Orthotic management of Scoliosis.

II. Short Notes:

(10X5=50)

1. Community Based Rehabilitation.
2. Activities of Daily Living.
3. Clinical aspects of Disability.
4. Balance training protocol.
5. Volkmann's Ischemic contracture.
6. Trigger Finger.
7. Myositis Ossificans
8. Modified Barthel Index.
9. Simple shell Orthosis.
10. Relaxed position for Asthma.

III. Short Answers:

(10X2=20)

1. Clubbing.
2. Brown squard syndrome.
3. Mallet Finger.
4. Hard Functions.
5. SOMI Brace (Sterno Occipito Mandibular Immobilization)
6. In Coordination.
7. Materials for Splinting.
8. Day Care Centre.
9. Pathophysiology of Pressure sore.
10. Jaipur Foot.
