

[KN 980]

Sub. Code : 5180

B.P.T.DEGREE EXAMINATION.

Eighth Semester

(Modified Regulations)

Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION

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) Discuss physiology of aging. Discuss commonest impairments and rehabilitative management of geriatric population

(2) Define stroke. Discuss pathophysiology and rehabilitative management of stroke patient.

II. Write short notes : (10 × 5 = 50)

(a) Above knee caliper with pelvic band.

(b) Boston Brace

- (c) Petellar Tendon Bearing Prosthesis
 - (d) Quadrilateral socket
 - (e) Tenodesis splint
 - (f) Pressure sore
 - (g) Uses of disability evaluation
 - (h) Ideal stump
 - (i) Classification of peripheral nerve injuries
 - (j) Bicipital tendinitis and management.
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August-2005

[KN 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 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 rehabilitation of a 60 years old male with myocardial infarction, who pedals a rickshaw as profession.

(2) Define Activities of Daily Living. Write in detail about the evaluation of A.D.L. activities.

II. Short notes : (10 × 5 = 50)

(a) Modified Ashworth scale

(b) High stepping gait

(c) Thomas heels

(d) Audiometry

(e) HALO devices

(f) Principle of wax therapy

(g) Transportation of wheel chairs

(h) Wrist unit in upper limb prosthesis

(i) Arthrogyposis Multiplex Congenita

(j) Splints for swan neck deformity.

[KN 992]

2

[KO 980]

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II. Write short notes on :

(10 × 5 = 50)

BPT DEGREE EXAMINATION.

Eighth Semester

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**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 where necessary.

I. Essay questions :

(2 × 15 = 30)

(1) List the complications of Prolonged Immobility. Describe the grading prevention and management of pressure sores.

(2) Outline the principles of wheel chair prescription. Describe the architectural modifications in the home for a wheelchair bound patient.

- (a) PTB Prosthesis**
- (b) Automatic Bladder**
- (c) Theories of aging**
- (d) Postural Drainage**
- (e) Saturday night palsy**
- (f) Ankle Foot Orthosis**
- (g) Tennis Elbow**
- (h) Cervical Collar**
- (i) Painful arc syndrome**
- (j) Osteoarthritis knee.**

[KR 992]

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B.P.T. DEGREE EXAMINATION.

Eighth Semester

(Modified/ New Modified Regulations)

Paper IV — REHABILITATION MEDICINE
INCLUDING GERIATRIC REHABILITATION

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 : (2 × 15 = 30)

(1) Classify Scoliosis. Discuss in detail about the assessment, bracing, therapeutic exercises for idiopathic scoliosis.

(2) Discuss in detail about the benefits of cardiac rehabilitation after coronary bypass surgery.

II. Short notes : (10 × 5 = 50)

- (a) Fibromyalgia
- (b) Reflex bladder
- (c) Entrapment neuropathies
- (d) AIR flotation beds
- (e) Incentive spirometry
- (f) Disability evaluation in locomotor handicaped
- (g) Pain modulation
- (h) Primary prevention of coronary heart disease
- (i) Aphasia
- (j) Rheumatoid hand deformities.

AUGUST 2008

[KT 992]

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B.P.T. DEGREE EXAMINATION.

**Fourth Year — Non-Semester Regulations and
Eighth Semester**

(Modified/New Modified Regulations)

**REHABILITATION MEDICINE INCLUDING
GERIATRIC REHABILITATION**

Q.P. Code : 745187

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

1. Define Pressure ulcer. What are the most common sites of Pressure ulcer? What are the contributing factors to pressure ulcer? Add a note on treatment guideline for Pressure ulcer.

2. Define Geriatric age groups. What are the physiological changes occur in the various body systems of a geriatric patient? What are the common impairments seen in the geriatric population? Add a note on the management of these impairments.

AUGUST 2008

II. Short notes : (10 × 5 = 50)

1. Periarthritis Shoulder.
2. SOMI Brace.
3. Medical Social Worker.
4. Delorme's progressive resistance exercises.
5. Syme's prosthesis.
6. Primitive reflexes.
7. Cock-up splint.
8. Autonomic dysreflexia.
9. Knuckle bender splint.
10. Heterotopic ossification.

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

1. Terminal devices.
2. Complications of paraplegia.
3. Carpal tunnel syndrome.
4. Myotomes.
5. Genu Varum.

6. Apraxia.

7. Flat foot.

8. Wheel chair modifications.

9. Supra spinatous tendinitis

10. Trigger finger.
