FOURTH BPTH (2012)
MUSKULOSKELETAL PHYSIOTHERAPY
Time : 3 Hrs
Max Marks 80.00
Version :
Question Booklet Sr. No. :

Section A (50 Marks)

Que1.Short Answer Questions (Solve any 5 out of 6) (5

a

Significance of cobb's angle

b.

Role of orthosis in radial nerve palsy

c

Trigger point

d

Boutonniere deformity

e.

Phantom limb pain

f

Genu varum

Que2.Short Answer Questions (Solve any 5 out of 6) (5

a

Physiotherapy management of scoliosis

b.

De-Quervain's disease

c

Exercise prescription in osteoporosis with rationale

d

Physiotherapy management in spondylolisthesis

e

Role of electrotherapy modalities in osteoarthritis with rational

f

Role of physiotherapy in peripheral nerve injuries

Section B (30 Marks)

Que3.Long Answer Questions(Solve any 1 Out of 2) :- (1x1

a

A painter aged 35 years is giving history of fall on the right shoulder one week back.He is complaining of

excruciating pain in the shoulder movements specifically middle range of abduction.Also terminal ranges at shoulder in all directions are restricted with altered scapulohumeral rhythm.Discuss ICF ,functional diagnosis and physiotherapy management considering his profession

b

A 24 year old football player is referred to physiotherapy department 7 days after .surgical repair of right anterior cruciate ligament.He has pain,swelling arroud the same knee and limited range of motiori with the extension lag of 15 degrees.He highly apprehensive to move and bear the weight on the operated side.Discuss ICF along with phase wise rehabilitation of this case.

Que4.Long Answer Questions (Solve any 1 out.of 2) **(1x15=15.00)**

a

58 year old grocery shop owner sustained fracture neck femur right for which total hip replacement was done .It is his post operative second day. His hip abductors and flexors are grade 3 .Give ICF , plan and rationalize his phase wise rehabilitation .Also rationalize do's and dont's in THR.

b

A clerk aged 52 sustained fracture cqlle's right side which was managed conservatively . After plaster removal, she was referred for physiotherapy as there was moderate swelling on the dorsum of the hand and restricted wrist and hand mobility.She is also complaining of pain and difficulty in doing overhead activities .Discuss ICF and functional diagnosis .Plan and rationalize her rehabilitation in detail.

FOURTH BPTH (2012)
CARDIOVASKULAR-RESPIRATORY PHYSIOTHERAPY (INCLUDING CRITICAL CARE)
Time : 3 Hrs
Max Marks : 80.00
Version :
Question Booklet Sr. No. :

51413

Section A SAQ (50 Marks)

Que1.Short Answer Questions (Solve any 5 out of 6) **(5x3=15.00)**

a

Hypoxic drive in COPD patient

b.

Karvonen's formula in cardiac rehabilitation

c

Indications of Coronary artery bypass graft

d

Three indications of bronchial hygiene therapy

e.

Ankle brachial index

f

Metered dose inhalers

Que2.Short Answer Questions (Solve any 5 out of 6) **(5x7=35.00)**

a

Define Dyspnea,explain mechanism of perception of it and brief treatment of dyspnea.

b

Discuss rationale of physiotherapy management after modified radical mastectomy.

c

Discuss physiotherapy management of superficial and deep lower limb burns.

d

Describe principles of Physiotherapy management post abdominal surgery

e

Explain cardiac markers and its importance in cardiac rehabilitation

f

Discuss in detail about the physiological effects and benefits of body positioning in ICU.

Section B LAQ (30 Marks)

Que3.Long Answer Questions(Solve any 1 Out of 2) :- **(1x15=15.00)**

Parietal region, 3 months back. He cannot stand and has difficulty in all upper limb activities due to spasticity. He has computer assistance for his work assignment in the office inside his home on 5th floor with all the necessary facilities. He stays with two children who are school going and wife who is a teacher. He is a social smoker and drinker

Write the Structural and functional Impairments..

Write Short term and long term goals of Physiotherapy Management.

Describe PT techniques to improve Upper limb Control (3+ 5+7)

b.

A 7 year old male child has come to the OPD with complains of difficulty in sitting and standing. He can manage rotation to both sides but presents with lots of jerky movements while attempting to do so. His tone keeps on fluctuating from hypertonia to hypotonia . When made to sit he maintains sitting for a while and then goes for truncal flexion.

Write the Functional Diagnosis withclinical reasoning.

Discuss the Short Term and Long Term Goals with Physiotherapy Management.(5+10)

Que4.Long Answer Questions (Solve any 1 out of 2) **(1x15=15.00)**

a.

A 10 year old boy suffers from ascending symmetrical progressive weakness, on investigation it is diagnosed as Acute Demyelinating disorder. His Lower limb Muscle strength is Grade 2, and upper limb is Grade 3, hand grade 2 and also he has weakness of respiratory muscles. He is shifted out of ICU 2 days ago. His higher functions, sensations and cranial nerves are intact. He is studying in 5th std. and needs to ride bicycle to school. He belongs to fair socioeconomic status family of four. Stays in Apartment with all necessary facilities.

Write the short term and long term goals.

Describe the Management in Detail (5+10)

b.

A 42 year old laborer comes to the PT department with complains of loss of sensation and power in both hands since past one month. On observation some red colored patches were noted on his skin. He stays in a slum area with his wife and two children and is the only earning member.

Explain the diagnosis with Clinical Reasoning.

Plan Short term and Long term goals with Physiotherapy Management.(5+10)

FOUTH BPTH (2012)
NEURO PHYSIOTHERAPY
Time . 3 Hrs
Max. Marks : 80.00
Version
Question Booklet Sr. No. :

51412

Section A SAQ (50 Marks)

Que1.Short Answer Questions (Solve any 5 out of 6) **(5x3=15.00)**

a

Enumerate any 3 spinal deviations seen in a child with quadriplegic CP

b

Describe the Charcot's triad in Multiple Sclerosis

c

Criterion to Differentiate between Complete and Incomplete Paraplegia

d

Write a note on Parachute Reactions.

e

Enumerate Three Stages of Motor Learning

f

Describe Cock up splint

Que2.Short Answer Questions (Solve any 5 out of 6) **(5x7=35.00)**

a

Describe types of Bladder and the Physiotherapy Management of the same

b.

Describe Physiotherapy management for terminally ill patient of Motor Neuron Disease.

c.

Explain the Principles of Proprioceptive Neuromuscular Facilitattion

d

Physiotherapy treatment in common peroneal nerve injury

e

Explain in detail about substitution & Habituation exercises

f

Discuss the Physiotherapy management of child with Down's Syndrome

Section B LAQ (30 Marks)

Que3.Long Answer Questions(Solve any 1 Out of 2) :- **(1x15=15.00)**

a

A 45 year old male, civil engineer by occupation, right dominant, has suffered from Rt. MCA Infarct in Fronto-

years, complains of neck and shoulder pain for the last 6 months. She works for 9 hours a day in an accounting firm. Discuss functional diagnosis, short-term and long-term goals of management. (5+5+5=15marks)

b.

A 45-year-old female, 56 kg, 5'6" height, complains of hot flushes, night sweats, urinary incontinence and mood swings since 3 months. She also complains of rib pain and Low back pain while getting up from the bed. Write the functional diagnosis, Physiotherapy assessment and management for the same (3+5+7=15 marks)

(1x15=15.00)

Que4. Long Answer Questions (Solve any 1 out of 2)

a.

40 year old male, BMI of 30, HbA1c of 6, has been referred for a fitness programme. He is an executive director in an MNC, works 60 hours a week and stays alone in an 9th floor flat, with lift facility. He has been working for the past 15 years and frequently travels. Give evaluation and detailed management plan.

b.

A 69-year-old male with lower socio-economic status and a strained family background complains of pain in his bilateral knees while walking and has difficulty ascending and descending stairs. He can do all functional and self-care activities by himself. He stays at a charitable Geriatric Care Centre on the second floor. Discuss functional diagnosis and physiotherapy plan of management. (5+10=15 marks)

FOURTH BPTH (2012)
COMMUNITY PHYSIOTHERAPY
Time 3 Hrs
Max Marks : 80.00
Version
Question Booklet Sr No. :

514

Section A SAQ (50 Marks)

Que1.Short Answer Questions (Solve any 5 out of 6) **(5x3=15.**

a

Enumerate any three goals of postnatal care.

b

Enumerate different types of occupational hazards.

c.

Define functional capacity assessment.

d.

Enumerate the extrinsic risk factors for falls in the elderly.

e

Enumerate the various levels of prevention.

f

Define impairment, disability and handicap.

Que2.Short Answer Questions (Solve any 5 out of 6) **(5x7=**

a

Explain the factors leading to Low Back Pain in industrial health and their preventive measures.

b.

Discuss the effects of an exercise intervention on a hypertensive individual.

c

Explain the age-related changes in the neurological system and the effects of exercise on them.

d

Explain the principles and scope of Community Physiotherapy.

e

List the various types of uterine prolapses and describe the effects of exercise on them.

f

What are the principles of exercise prescription?

Section B LAQ (30 Marks)

Que3.Long Answer Questions(Solve any 1 Out of 2) :- **(1x15**

a

A 36-year-old married female having a one-year-old son, a computer operator by occupation for the last 3

a

A 55 year old male patient underwent right below knee amputation following gangrene. He is diabetic and hypertensive since 10yrs . He is taxi driver by occupation. Write ICF,short term long term goals and physiotherapy protocol for the same.(3+4+8)

b

A 56 year old female patient is admitted in IRCU 2 days back with acute exacerbation of COPD.She complains of dyspnea at rest and cough with expectoration. She is on oxygen therapy delivered by venturi mask. Her ABG report is Ph 7.28,Pco2 : 85mmHg,Po2 : 38mmHg,HCO3:32mEq/L,BE: 3.2.She stays in slums and has exposure to chullah cooking since 35 yrs.Write ICF,short term and long term goals along with physiotherapy management. (3+4+8)

Que4.Long Answer Questions (Solve any 1 out of 2) **(1x15=15.00)**

a

A 58 year old female patient has undergone mitral valve replacement 2 days back. She is complaining of midsternal incisional pain on NRS 3/10 and cough with mucopurulent secretions. Write short, long term goals and phase I cardiac rehabilitation for the same.(6+9)

b

A 49 year old male patient police constable by occupation comes with pain in the left foot and calf. He is chronic tobacco chewer. He has to stop walking and rest for 5 mins to resume back to walking. Arteriography reveals 80% block in femoral and popliteal artery.Patient has been advised to undergo surgical intervention for the same. Write ICF,short term long term goals and physiotherapy management.(3+4+8)