[Total No. of Pages : 2

51411

Fourth BPTH (2012) Examination, Winter (Phase - III All Other Remaining UG/PG Course) - 2019
MUSCULOSKELETAL PHYSIOTHERAPY

Total Duration: Section A + B = 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

Instructions : 1) *Use **blue/black** ball point pen only.*

2) ***Do not** write anything on the **blank portion of the question** paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.*

3) ***All** questions are **compulsory.***

4) *The number to the **right** indicates **full** marks.*

5) *Draw diagrams **wherever** necessary.*

6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*

7) *Use a common answerbook for all section.*

Section - "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) : **[5 × 3 = 15]**

a) Swan neck and Boutonniere deformity.

b) Darrangement syndrome explained by Mckenzie.

c) Any two tests of diagnose painful arc syndrome.

d) Exercise therapy for extension lag.

e) Any two neurodynamic tests used to diagnose cervical radiculopathy.

f) Metatarsalgia.

2. Short answer question (**any five** out of six): [5 × 7 = 35]

a) Do's and don'ts in Total Hip Replacement.

b) Clinical features of Carpal tunnel syndrome.

c) Discuss clinical features in lumbar radiculopathy.

d) Energy conservation techniques in rheumatoid arthritis.

e) Pes cavus and pes planus deformity.

f) Lower cross syndrome.

Section - "B" LAQ (30 Marks)

3. Long answer question (**any one** out of two) : [1 × 15 =15]

a) 18 years old professional bowler has been diagnosed as a case of anterior shoulder dislocation (right side). Discuss ICF, Physiotherapy management and Precautions. (5+7+3 marks)

b) A 38 years old public relation officer is giving history of sudden twisting of ankle (left) while walking 2 days back. Presently she is having severe swelling, painful movements of the same ankle and difficulty in weight bearing. Discuss - ICF - 5 marks.
Physiotherapy management - 7 marks
Ergonomics 3 Marks

4. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) A second year engineering student is complaining of severe low back pain and stiffness in the morning which reduces after two to three hours. He is HLA B 27 positive.
Discuss - ICF. 3 marks
Short term and long term goals and physiotherapy management. 10 marks
Ergonomic advice. 2 marks

b) 55 years old female was immobilised for fracture colle's (right) in colle's cast. After removal of plaster, she is complaining of gross swelling, stiffness at wrist and pain in complete right upper extremity.
Discuss ICF. 5 marks.
Discuss differential diagnosis. 3 marks
Physiotherapy management. 7 marks



[Total No. of Pages : 2

51412

Fourth BPTH (2012) Examination, Winter (Phase - III All Other Remaining UG/PG Course) - 2019
NEURO PHYSIOTHERAPY

Total Duration : Section A + B = 3 Hours | Total Marks : 80

SECTION - A & SECTION - B

Instructions : 1) *Use **blue/black** ball point pen only.*
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3) ***All** questions are **compulsory.***
4) *The number to the **right** indicates **full** marks.*
5) *Draw diagrams **wherever** necessary.*
6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
7) *Use a common answerbook for all sections.*

SECTION - "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) : **[5 × 3 = 15]**

a) What are reflex inhibiting patterns? Give one example.
b) Give 3 etiological factors for cerebral palsy.
c) What are the types and clinical features of Hydrocephalus?
d) What is Kernig's and brudzinski sign?
e) What is Autonomous dysreflexia?
f) Define Rigidity and explain the types of rigidity.

2. Short answer question (**any five** out of six): **[5 × 7 = 35]**

a) Write physiotherapy management for myasthenia gravis.
b) What is Claw hand? Discuss the Physiotherapy management for claw hand.
c) Enumerate theories of motor control. Explain any two theories in detail.
d) What is cerebellar ataxia? Explain the rationale of balance training in cerebellar ataxia.
e) Describe the gross and fine motor development in a child upto the age of 5 years.
f) Enlist the various types of diabetic neuropathy. Explain the care of diabetic foot.

SECTION - "B" LAQ (30 Marks)

3. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) Discuss the ICF and short term and long term goals of physiotherapy management for a 65 years old retired male clerk suffering from Parkinson's disease since 2 years. He is graded III on Yahr's scale.

b) Write ICF with the physiotherapy management of a 5 years old athetoid Cerebral palsy girl. She is able to maintain independent sitting but is unable to stand. She attends school regularly. Parents are financially sound and motivated for therapy.

4. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) Give ICF and short term and long term goals of physiotherapy management for a 23 years old male teacher who has diagnosed as right Bell's palsy.

b) Write ICF and physiotherapy management including short and long term goals for 29 years old unmarried female executive working in a multinational company diagnosed as a case of multiple sclerosis 2 years back. She is suffering from a second relapse and was discharged from the hospital 1 week back. She is moderately functionally dependent in transfers and hygiene.



[Total No. of Pages : 2

51413

Fourth BPTH (2012) Examination, Winter (Phase - III All Other Remaining UG/PG Course) - 2019
Cardiovascular - Respiratory Physiotherapy (Including Critical Care)

Total Duration : Section A + B = 3 Hours | Total Marks : 80

SECTION - A & SECTION - B

Instructions : 1) *Use **blue/black** ball point pen only.*
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3) ***All** questions are **compulsory.***
4) *The number to the **right** indicates **full** marks.*
5) *Draw diagrams **wherever** necessary.*
6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
7) *Use a common answer book for all sections.*

SECTION - "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) : **[5 × 3 = 15]**

a) Enumerate three incisions used in Pulmonary Surgery.
b) Absolute contraindications for exercise testing.
c) Enlist clinical features of bronchiactasis.
d) Complications with suctioning.
e) Phases of autogenic drainage.
f) PFT findings in case of Chronic Obstructive Pulmonary Disease.

2. Short answer question (**any five** out of six): **[5 × 7 = 35]**

a) Physiotherapy management of modified radical mastectomy.
b) Describe assessment of a patient with venous insufficiency.
c) Physiotherapy management of Pressure Sore.
d) Discuss criteria for weaning a patient off mechanical ventilator.
e) Discuss mucous removal techniques in chronic respiratory disease patients.
f) Physiotherapy management of post operative case of right middle lobe lobectomy.

SECTION - "B" LAQ (30 Marks)

3. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) A 55 year old employee holding a senior executive post in Multi National Company has undergone CABG for triple vessel disease 2 days back. He was a smoker, left 6 months back, a known hypertensive. He is married and have two children and wishes to resume his job. Give functional diagnosis. Plan his phase 1 Cardiac Rehabilitation and discuss the importance of life style modifications in him. [5+5+5=15]

b) A 25 year old woman, teacher by occupation, is a diagnosed Asthmatic. She complains of recurrent episodes of exacerbation due to allergic reactions. She was admitted to the hospital two days back for sudden attack of Asthma, was medically managed and is now currently stable. Discuss Functional Diagnosis, plan her short term Physiotherapist management and instructions for energy conservation. [5+5+5=15]

4. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) A 12 year old boy sustained 40% electrical burns of face, neck, anterior chest and right upper limb due to accidental contact with a live wire. He is medically stable and is nursed in burn ward. Discuss functional diagnosis. Short term and long term Physiotherapy management.

[5+5+5=15]

b) A 50 year old man with a history of diabetes and peripheral vascular disease has been referred for Physiotherapy 24 hours post right transtibial amputation for gangrene. Discuss his functional diagnosis, his short term treatment program me and suggest and appropriate prosthesis with clinical reasoning. [5+7+3=15]



[Total No. of Pages : 2

51414

Fourth BPTH (2012) Examination, Winter (Phase - III All other remaining UG/PG Course) - 2019
COMMUNITY PHYSIOTHERAPY

Total Duration : Section A + B = 3 Hours | Total Marks : 80

SECTION - A & SECTION - B

Instructions : 1) *Use **blue/black** ball point pen only.*

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4) *The number to the **right** indicates **full** marks.*

5) *Draw diagrams **wherever** necessary.*

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7) *Use a common answerbook for all sections.*

SECTION - "A" SAQ (50 Marks)

1. Short answer questions (**any five** out of six) : **[5 × 3 = 15]**

a) P.T. management of Hyperemesis Gravidarum

b) Role of N.G.O. s for Elderly care in India.

c) Vocational Rehabilitation.

d) Employee Fitness program

e) Positions in labour

f) Deferment techniques for Urge Incontinence

2. Short answer questions (**any five** out of six) : [5 × 7 = 35]

a) Types and Principles of Disaster Management

b) Rapid Entire Body Assessment (REBA)

c) Role of Physiotherapist in Industrial Health settings.

d) Theories of Ageing

e) C.B.R. strategies in rural and urban areas

f) Functional Assessment of an elderly

SECTION - "B" LAQ (30 Marks)

3. Long answer question (any one out of two) : [1 × 15 = 15]

a) Describe the impact of social issues on physical health of women in India. Explain the legal rights and benefits provided to them by Government of India. [7 + 8]

b) Explain the physiology of Micturation. Describe the principles of incontinence assessment. Write the objective methods for incontinence management. [5 + 5 + 5]

4. Long answer question (**any one** out of two) : [1 × 15 = 15]

a) A 32 years old male, truck driver, with 5"10' height, has underwent below knee amputation for right sided crush injury of knee due to road traffic accident. He is an employee of a transport company and working since last 3 years. He is the sole breadwinner for the family of his wife and 2 children at a village. Describe the principles of disability evaluation. Explain the disability management for him. [5 + 5 +5]

b) Describe the principles of Geriatric Rehabilitation. Explain National policies for Rehabilitation of the elderly population. [7 + 8]

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