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51411

Fourth B.P.TH. (2012) Examination, (Phase - III) Winter - 2021

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 answer book for all Sections.

SECTION "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six): **[5 × 3 = 15]**
   a) 3 clinical features of facet joint arthopathy in cervical spine.
   b) Enumerate types of traction and enlist 3 indications.
   c) Enumerate any 3 complications of Barton's fracture.
   d) Clinical features of De quervain's tenosynovitis.
   e) Orthotic prescription for Thoracic-12 vertebrae wedge compression fracture.
   f) 3 clinical features of adhesive capsulitis

2. Short answer question (**any five** out of six): **[5 × 7 = 35]**
   a) Discuss Physiotherapy management of 'Congenital Talipes Equinovarus'.
   b) Discuss physiotherapy management for zone 2 Flexor tendon repair of Right index finger.
   c) Discuss etiopathology and Physiotherapy management of Piriformis syndrome.
   d) Discuss rationale of Physiotherapy management of recurrent dislocation of patella.
   e) Discuss Physiotherapy management of tennis elbow.
   f) Describe any two MET techniques to reduce upper trapezius spasm.

SECTION - "B" LAQ (30 Marks)

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

   a) A 50 years old housewife underwent right side TKR 3 weeks back. She is admitted for left side TKR. She has RA since 15 years. Discuss ICF along with physiotherapy management. **[5+10]**

   b) A 59 years old, labourer complains of low back ache radiating to bilateral Lower Limb since 15 years. Symptoms aggregates after walking a distance of 500 meters. Sitting relieves his pain. Investigations show grade 2 spondylolisthesis at L4-L5 level. Discuss ICF and physiotherapy management with clinical reasoning. **[5+10]**

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

   a) A 59 years old auto rikshaw driver underwent Proximal femoral nailing surgery 5 days back for right intertrochanteric fracture. Discuss ICF with physiotherapy management. **[5+10]**

   b) A 45 years old vegetable vendor met with a road traffic accident and has undergone below knee amputation of left leg two weeks back. Discuss ICF and physiotherapy management. **[5+10]**

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Fourth B.P.T.H. (2012) Examination, (Phase - III) Winter - 2021
NEURO PHYSIOTHERAPY

Total Duration : 3 Hours

Total Marks : 80

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 answer book for all sections.

SECTION - "A" SAQ (50 Marks)

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

a) Sunderland's classification of nerve injuries.

b) Ankle Foot Orthosis.

c) Enumerate three function of Basal ganglia.

d) What is Autonomic Dysreflexia?

e) Enumerate three difference between UMN & LMN lesions.

f) Write Modified Ashworth Scale.

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

a) Physiotherapy management for Neuropathic pain.

b) Physiotherapy management for Hydrocephalus.

c) Physiotherapy management for BPPV.

d) Physiotherapy management for Acute stage GBS.

e) Describe Erbs palsy & it's management.

f) Physiotherapy management for Spina bifida.

SECTION - "B" LAQ (30 Marks)

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

a) A 65 years old male a retired teacher have difficulty in initiating movement, tremor, rigidity and slowness of gait. Patient diagnosed as Parkinson disease and has difficulty in active daily living.

i) ICF with clinical reasoning. **[5]**

ii) Physiotherapy short term and long term goals and treatment. **[10]**

b) A 4 year old boy came to PT department with the clinical features of recurrent falls. He also has difficulty in standing from ground. On examination it was found that his calf muscles were hypertrophied.

i) ICF with clinical reasoning. **[5]**

ii) Physiotherapy treatment in details. **[10]**

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

a) A 53 years old male patient, school teacher by occupation developed weakness in left upper and lower limb two days before. Patient diagnosed as hemorrhagic stroke. Patient conscious, oriented, difficulty in standing and walking. Write ICF and detailed PT management.- short term and long term. **[5 + 10 = 15]**

b) A 19 year old male college student developed weakness in lower limbs 6 days back which then progressed to his upper limbs also. He complained of stomach infection 2 weeks ago. He lives on the 3rd floor with lift facility.

i) ICF with reasoning. **[5]**

ii) Detailed PT management. **[10]**

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Fourth B.P.T.H. (2012) Examination, (Phase - III) Winter - 2021

CARDIOVASCULAR - RESPIRATORY PHYSIOTHERAPY (Including Critical Care)

Total Duration : 3 Hours | Total Marks : 80

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) Define activity pacing with examples.

b) Give rationale of Purselip breathing in COPD.

c) Enumerate complications related to long term mechanical ventilation.

d) Rationalize any 3 goals of pre operative physiotherapy.

e) Enumerate effect of long term bed rest on any 3 systems of body.

f) Give difference between CPAP and PEEP.

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

a) Discuss in detail management of venous ulcers.

b) Explain various assistive devices used for airway clearance.

P.T.O.

c) Explain importance of patient education with respect to control of bronchial asthma.

d) Explain phase 1 and 2 of cardiac rehabilitation following valvular replacement.

e) Explain physiological application of sitting upright as therapeutic position.

f) Discuss physiotherapy management following exploratory laparotomy.

SECTION - "B" LAQ (30 Marks)

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

a) 30 years old male has undergone left sided pneumonectomy for post TB bronchiectasis 7 days back. He currently complains of pain in suture area. His ICD drains air and serous liquid. Discuss functional diagnosis and management for him.

b) 40 years old female has undergone right modified radical mastectomy 2 days back. She complains of neck pain and heaviness of right upper limb. VAS - 6/10. Her sleeves appear tight. What objective and subjective parameters would you consider to evaluate her. Give functional diagnosis and management.

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

a) 40 years old air hostess complains of bilateral pedal oedema and pain in calf since 3 months. She has been in this profession since 10 years. She has started noticing spider webs in popliteal fossa. Discuss her evaluation and Give functional diagnosis and management for the same.

b) 25 years old fashion designer sustained full thickness burns on her face, neck and chest 2 days back. She is having difficulty in breathing. Her face is swollen. What can be likely complications. Give functional diagnosis and management.

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Fourth B.P.T.H. (2012) Examination, (Phase - III) Winter - 2021
COMMUNITY PHYSIOTHERAPY

Total Duration : 3 Hours

Total Marks : 80

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) Principles of C.B.R.

b) Three National Programmes for Prevention of Disability.

c) Effects of Shift work on health of an individual.

d) Define and types of Uterine Prolapse.

e) Define Work Hardening & Work Conditioning.

f) Functions of Red Cross Society.

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

a) Discuss five causes of childhood obesity.

b) Communication barriers in Geriatric population.

P.T.O.

c) Compare Institutional Based Rehabilitation with Community Based Rehabilitation.

d) Aims and principles of Obstetric Physiotherapy.

e) Discuss the role of Physiotherapy in Industrial setup for stress management.

f) Discuss various social issues heaving impact on physical function of women in India.

SECTION - "B" LAQ (30 Marks)

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

a) A 36 yrs. old female, who is a Computer Operator and working in a multinational company office since 5 years, complains of neck & low back pain since a month.She belongs to middle class socio economically and has 2 school going children. Husband has been transferred outstation since 3 months. Give Functional Diagnosis, Short term & Long term goals with management in the view of health promotion & Ergonomics. [5 + 5 + 5 = 15]

b) A 26 yrs. old female multi-para having three children, 3 weeks post natal period after vaginal delivery; visits Physiotherapy clinic with chief complains of vague dragging back pain. She had assisted delivery by forceps, received epidural analgesia. Write on the evaluation & management with special emphasis to pelvic floor muscle strengthening. Write health promotion advice as well. [4 + 6 + 5 = 15]

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

a) Write Physiological effects of Ageing. Describe effects of exercise in detail on neuromuscular system for Aged population.

b) 14 yrs. old urban boy from upper class with frequent consumption of fast food weighing 64 kgs has been advised to reduce weight & his height is 5'3". Write in detail about

i) Assessment & evaluation.

ii) Short term management plan.

iii) Long term management plan.

[5 + 5 + 5 = 15]

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