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51411

FOURTH B.P.TH. (2012) Examination, Summer - 2024 Phase - II
MUSCULOSKELETAL PHYSIOTHERAPY

Total Duration : 3 Hours | Total Marks : 80

Instructions : 1) *Use 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 more 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) State convex-concave rule.

b) Any three abnormal end feels.

c) Three factors affecting fracture healing.

d) What is intrinsic minus hand.

e) Three indications for Taping.

f) Three causes of Prolapsed inter-vertebral disk.

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

a) Discuss TM joint dysfunction and management for the same.

b) Discuss the short term management for mechanical neck pain.

c) What is torticollis? Discuss management for torticollis for 3 month old baby boy.

d) Write note on pre-operative management for 18 yrs old girl having thoracic kyphosis, surgery scheduled after one month and post operative management goals.

e) Wrist and hand deformities in Rheumatoid arthritis.

f) Write treatment goals and Short-term PT management after below knee amputation.

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SECTION :-"D" LAQ (30 Marks)

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

a) A 36 years old dentist c/o pain in stiffness in thoracic region, low back and around since 15 days. His stiffness is more in morning. His has HLAB27 +. Write down functional diagnosis, short term and long term management.

[4+5+6=15]

b) A 64 years old home maker is diagnosed for bilateral knee OA, operated for right knee replacement one week back. She c/o pain and swelling from knee till ankle. She is mild hypertension and detected Diabetes mellitus recently. She stays in a bungalow with her husband. Write down functional diagnosis, short term and long term management. [8+4+3=15]

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

a) A 63 years retired policeman had IT fracture of femur, operated with dynamic hip screw three days back. He stays on first floor, no lift facility. Stays with his wife and son. Write down functional diagnosis, short term and long term goals and management. [5+5+5=15]

b) A 26 years male sprained his right ankle while playing foot ball two days back. He has pain and swelling around ankle, restricted movements, able to weight bear with difficulty. He want to return to his sports. There is no bony injury. Write functional diagnosis and short-term and long-term management. [5+5+5=15]

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Fourth B.P.TH. (2012) Examination, Summer - 2024 Phase - II
NEURO PHYSIOTHERAPY

Total Duration : 3 Hours | Total Marks : 80

Instructions : 1) *Use **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 Questions (any five out of six) : **[5 × 3 = 15]**

a) Give classification of head injury

b) Define rigidity. List its types.

c) What is PPRP

d) Symptoms of Autonomic Dysreflexia

e) Gowers sign

f) Write clinical features of UMN lesion

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

a) Write the physiotherapy management of spastic hand

b) Describe the principles of Vestibular Rehabilitation. Write any 2 maneuvers for the same.

c) write the physiotherapy management of Duchenne Muscular Dystrophy

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d) Define Apraxia. Write the different types of Apraxia.

e) Write down the classification of cerebral palsy. Also write a note on the etiological factors

f) Describe the clinical features and management of the Bell's Palsy

SECTION - B (LAQ) (30 Marks)

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

a) Discuss ICF with short term and long term goals of physiotherapy management for a 45 year old truck driver suffering from depressed fracture of Rt. Frontal bone and subdural hematoma 2 months back leading to head injury .He has a GCS score of 12 and has affected vision.

b) Write ICF with P.T management of a 15 year old girl, who is admitted in the ICU. The patient is diagnosed as GBS and is having difficulty in breathing.

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

a) Write ICF with clinical reasoning of a 55 yr old male with right side MCA infarct 3 months back. The patient gives chief complains of difficulty using his upper limb. Formulate the short term goals and long term goals with management.

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

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Fourth B.P.Th. (2012) Examination, Summer - 2024 Phase - II

CARDIOVASCULAR - RESPIRATORY PHYSIOTHERAPY
(Including Critical Care)

Total Duration : 3 Hours | Total Marks : 80

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3) **All** questions are **compulsory.**
4) The number to the **right** indicates **full** marks.
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7) Use a common answer book for all sections.

Section - A (SAQ) (50 Marks)

Short Answer Questions (any five out of six) : **[5 × 3 = 15]**

a) Describe grades of ankle brachial index.

b) Define inhalational burns.

c) Ennumerate causes of Respiratory acidosis

d) Define metabolic equivalent. Give metabolic equivalent of any two activities of daily living

e) Give any three indications for the need of Mechanical ventilation

f) What are ECG criteria for diagnosis of acute and evolved Myocardial infarction

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

a) Explain different types of energy systems with examples.

b) Discuss indications and contraindications of nebulization. What are types of nebulization systems

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c) Write a note on suctioning and manual hyperinflation with respect to procedure, indication and precaution.

d) Describe various modalities used for wound healing.

e) Explain complications of bed rest on different physiologic systems of body.

f) Explain rationale and procedure of physiotherapy management for day 2 cholecystectomy.

SECTION - B (LAQ) (30 Marks)

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

a) 55 years old male executive has undergone onpump CABG 3 days back. He is pain 4 on VAS at rest along the incision. His resting heart rate is 96 bpm and BP is 140/90. He is unable to sit or sleep. He is a known case of dyslipedemia and hypertension since 15 years. Give functional diagnosis and phase I cardiac rehabilitation. What factors would you consider for progression of exercise.

b) 30 years old housewife is diagnosed with ARDS. She is on ventilator since 2 days. Her ventilator settings are mode - SIMV, PEEP - 5, FiO_2 - 0.4. What are her impairments. What are likely complications. Give Physiotherapy management for same.

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

a) 25 years old male student diagnosed with right sided destroyed lung as post kochs sequaelae. He feels some crackles on right sided upper chest wall. He has pain on deep inspiration and coughing on the right side, he is unable to run and play sports. His resting heart rae is 105bpm. RR is 28 breaths/min and his PFT shows FEV1 60% and FVC 56% predicted. Give functional diagnosis and management for same.

b) 35 years old female clerk has sustained full thickness accidental burns on right leg from thigh to foot 3 days back. She has 6 months ammenorrhoea. She is crying and is unable to move her limb. Give functional diagnosis and management for same.

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Fourth B.P.TH. (2012) Examination, Summer - 2024 Phase - II
COMMUNITY PHYSIOTHERAPY

Total Duration : 3 Hours | Total Marks : 80

Instructions :
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7) *Use a common answer book for all sections.*

Section - A (SAQ) (50 Marks)

1) **Short Answer Questions (any five out of six) :** [5 × 3 = 15]

a) Define breast engorgement and write its management.

b) Person with disability act 1995.

c) Fat mass and fat free mass in human body.

d) Mechanical stresses faced by truck drivers.

e) Role of physiotherapy in health care delivery systems.

f) Kegel's Exercises

SBS

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

a) Types of Disaster and principles of Disaster management.

b) Cumulative Trauma Disorder. Industrial

c) Theories of ageing. Geriatric

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d) Grades of obesity and its clinical significance.

e) Diastesis Recti and its management.

f) Difference between Community Based Rehabilitation and Institutional Based Rehabilitation.

Section - B (LAQ) (30 Marks)

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

a) Define work hardening and work conditioning. Enumerate various environmental stresses in industrial setup. Describe in brief mechanical stresses of constant standing in traffic policemen [5+3+7]

b) Describe the intrinsic and extrinsic factors responsible for falls in elderly people. Write in brief about two measures each for the prevention for falls due to the same. [7+8]

SBS

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

a) Explain in detail physiotherapy management of 2nd stage of labour with respect to: i. various positions ii. Breathing iii. Electrotherapy.

b) A 50 year old male working as a teacher in secondary school & suffering from cervical spondylosis with radiating pain in the left upper limb. Discuss the functional diagnosis as per ICF and Physiotherapy management plan with short term and long term goals.

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