

M.P.Th. (Community Physiotherapy) (2012) **Examination, Winter 2018** APPLIED PHYSIOTHERAPEUTICS (Part - II) - II

Total Duration: 3 Hours

Total Marks: 100

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.
- 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.
- 1. Long answer question:

 $(1 \times 30 = 30)$

Discuss in detail on Postural control and Balance in elderly population.

2. Long answer question:

 $(1 \times 30 = 30)$

Write on altered Gait pattern and its management for a patient using unilateral Above Knee prosthesis.

3. Short answer question (any four out of five):

- a) Importance of diet and fitness for a person with disability.
- b) Use of Audio-Visual aids in Teaching Technology.
- c) I.C.F. classification.
- d) Importance of documentation in Physiotherapy practice.
- e) Electrodiagnosis for Carpel Tunnel Syndrome.



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- Long answer question :

 $(1 \times 30 = 30)$

Discuss in detail the rationale for use of various electrotherapy modalities for management of pain in Physiotherapy.

2. Long answer question:

 $(1 \times 30 = 30)$

Discuss the components of administrative tasks and skills to be utilized by the Physiotherapists in Department planning & administration.

Short answer question (any four out of five):

- a) Needs for ethics and legal aspects in Professional practice.
- b) Advantages and uses of OSCE and OSPE over conventional evaluation process.
- c) Different neurophysiologic approaches in treatment of patients with neurological disorders of Upper Motor Neuron.
- d) Different Teaching learning methods used along with their merits and demerits.
- e) Role of electromyography studies for diagnosis and prognosis of impairments of the neuromusculoskeletal system.



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- Use a common answerbook for all Sections.
- Long answer question :

 $(1 \times 30 = 30)$

Discuss principles of Proprioceptive Neuromuscular Facilitation(PNF).

2. Long answer question:

 $(1 \times 30 = 30)$

Discuss theories of aging and related changes in various systems of body due to aging.

Short answer question (any four out of five):

- a) Disability Evaluation.
- b) Administration and quality Assurance.
- c) International classification of functioning .
- d) Budget planning for establishing Physiotherapy Department.
- e) Methods to facilitate learning.



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 - 7) Use a common answerbook for all Sections.

Long answer question :

 $(1 \times 30 = 30)$

Discuss in detail about Postural Control and Balance in elderly.

2. Long answer question:

 $(1 \times 30 = 30)$

Write on altered gait pattern and management for a patient using unilateral below knee prosthesis.

Short answer question (any four out of five):

- a) Electrodiagnosis for Carpel Tunnel Syndrome.
- b) International classification functioning.
- c) Importance of audio-visual aids in education.
- d) Assessment scales for evaluating disability.
- e) Legal aspect in practice of Physiotherapy.



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 - 3) All questions are compulsory.
 - 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.
- 1. Long answer question:

 $(1 \times 30 = 30)$

Discuss in detail on postural control and balance in elderly.

Long answer question :

 $(1 \times 30 = 30)$

Discuss in detail Disability evaluation and physiotherapy management for unilateral above knee amputation.

3. Short answer question (any four out of five):

- a) Elecrodiagnosis for Carpal Tunnel Syndrome.
- b) Importance of audio-visual aids in teaching technology.
- c) International classification of functioning.
- d) Importance of documentation in Physiotherapy practice.
- e) Principles of Administration management.



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 - 7) Use a common answerbook for all sections.
- 1, Long answer question:

 $(1 \times 30 = 30)$

Describe Electrotherapy modalities and its rationale for pain relief.

2, Long answer question:

 $(1 \times 30 = 30)$

Write theory of aging and Discuss neuro-physiological changes in elderly individuals.

3, Short answer question (any four out of five):

- a) Ethics and code of conduct for Physiotherapy practice.
- b) Person with disability (PWD) act.
- c) Electrodiagnosis in myogenic lesions.
- d) Communication skills.
- e) Teaching learning methods.