



PAC-2011138

Seat No. _____

Master of Physiotherapy Examination

July - 2020

Advance Physiotherapeutics Part 1 & 2

Time : 3 Hours]

[Total Marks : 100

Instructions :

- (1) The answers should be specific to the questions asked.
- (2) The answers should have clinical reasoning and be evidence based.
- (3) Draw neat labeled diagram wherever necessary.
- (4) Answer all questions.

A Long Essay : 2×20=40

1. Define ischemic heart diseases. Explain in detail the advanced physical therapy management for each condition.
2. Enumerate the mechanism of pain physiology and its pathways and delineate the modulation of pain through various physiotherapy modalities.

B Short Essay : 6×10=60

1. Describe the specific exercise prescription for 55yr old male patient with bilateral osteoarthric knee dysfunction.
2. Discuss the post operative rehabilitation for a 65 yr elderly patient who underwent burr hole drainage for chronic subdural hematoma.
3. Importance of neural mobilisation in patients with peripheral neuropathy. Add a note on median nerve mobilisation for a patient with carpal tunnel syndrome.
4. Describe the various manual therapy approaches in assessing and treating the musculoskeletal conditions.
5. Role of pranayama and relaxation techniques in maintaining the bronchial hygiene in asthmatic patients.
6. Delineate the physiotherapy management of patient with upper limb oedema in a patient with radical mastectomy following the breast cancer.