

OCTOBER 1999

KA 606

M.P.T. DEGREE EXAMINATIONS

FOURTH SEMESTER

Paper III - Physiotherapy (Elective Subject)

ADVANCED P.T. IN CARDIO-RESPIRATORY DISEASES.

Time: 3 hours

Max: 100 Marks

ANSWER ALL QUESTIONS

All questions carry equal marks

1. Discuss role of physiotherapist in cardiac rehabilitation in patients - a) after acute myocardial infarction (20)
b) after coronary by-pass surgery.
2. Discuss the role of physiotherapists in occupational lung disorders. (20)
3. Write an essay on manual techniques of chest Physio-therapy and airway clearance techniques. (20)
4. Write an essay on the active cycle of breathing techniques and its applications. (20)
5. Write shorts on:
a) Cough Reflex
b) Ventilators
c) Tetralogy of Fallot
d) Cycle ergometer Test. (4 × 5 = 20)
Cray's Met.
or Application.

APRIL 2000

[KB 606 A]

M.P.T. DEGREE EXAMINATION.

Paper III — PHYSIOTHERAPY (Elective)

ADVANCED PT IN CARDIO-RESPIRATORY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. What is Autogenic drainage? Describe the mechanism of working of the same. (20)
 2. Discuss the uses of breathing exercise. Give the various types of inspiratory and expiratory exercise. (20)
 3. Discuss the role of humidifiers, nebulizers and oxygen therapy in respiratory conditions. (20)
 4. Develop a phase I and phase II of a cardiac rehabilitation program. Describe the parameters that are involved in the plan. (20)
 5. Write short notes on : (4 × 5 = 20)
 - (a) Risk factors of coronary disease
 - (b) Biomechanics of respiration
 - (c) Restrictive lung disease & role of physiotherapy
 - (d) Importance of Acid-Base levels in respiratory disorders.
-

OCTOBER 2000

[KC 606 A]

M.P.T. DEGREE EXAMINATION.

Paper III — PHYSIOTHERAPY (Elective)

ADVANCED P.T. IN CARDIO RESPIRATORY
DISEASES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the need for Cardiac Rehabilitation. Plan the same for a 40 year old male with angina at rest.
(6 + 14 = 20)
 2. Define pulmonary rehabilitation. Discuss various modalities used by a physical therapist for pulmonary rehabilitation.
(5 + 15)
 3. Write the management of a 50 year old male having COPD with respiratory failure.
(20)
 4. Describe the mechanism of Cough. Write down the P.T. methods for removal of secretions.
(8 + 12)
 5. Short notes : (4 × 5)
 - (a) Pneumothorax
 - (b) PNF for improving breathing
 - (c) Exercise induced bronchial asthma
 - (d) Cyanosis.
-