



RAN - 2306030102010005

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S.Y. MPT (Cardio Pulmonary Sciences) Examination October - 2023

MPT Cardio - Pulmonary Conditions II : Paper V

Basic Assessment and Evaluation

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

S.Y. MPT (Cardio Pulmonary Sciences)

Name of the Subject :

MPT Cardio - Pulmonary Conditions II : Paper V
Basic Assessment and Evaluation

Subject Code No.: 2306030102010005

Seat No.:

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Student's Signature

Section - I

Q.1 Long Essay (One)

20 × 1 = 20 Marks

Write in detail about effect of body positioning on cardio-respiratory system. Discuss significance of body positioning while Cardio-Pulmonary physiotherapy.

Q.2 Short Essay (Two)

2 × 10 = 20 Marks

1. Discuss mechanics of respiration along with intrathoracic and intrapleural pressure changes.
2. Age related changes in cardiopulmonary and pulmonary system.

Q.3 Very Short Answer (Two)

2 × 5 = 10 Marks

1. Oxygen- Hemoglobin dissociation curve.
2. Artificial respiration.
3. Types of dead space & its significance.

Section - II

Q.1 Long Essay (One) $20 \times 1 = 20$ Marks

1. Write about the Assessment of Peripheral Vascular diseases with the inclusion of Special tests.

Q.2 Short Essay (Two) $2 \times 10=20$ Marks

1. How to evaluate Respiratory muscle strength and Endurance?
2. What are the Lung Volumes and Capacities? Write about PFT findings in Obstructive v/s Restrictive Lung disease.

Q.3 Very Short Answer (Two) $2 \times 5 = 10$ Marks

1. Normal sinus rhythm. Write methods to Evaluate HR in ECG.
 2. Chest expansion Measurement techniques.
 3. Normal, abnormal and adventitious breath sound.
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