



RAN-2206000304030001

Fourth Year Bachelor of Physiotherapy (Supplementary)

Examination September - 2025

Cardiopulmonary Physiotherapy (Old) Paper - III

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

Fourth Year Bachelor of Physiotherapy (Supplementary)

Name of the Subject :

Cardiopulmonary Physiotherapy (Old) Paper - III

Subject Code No.: 2206000304030001

Seat No.:

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Student's Signature

Section - I

Q. 1. Define cardiac rehabilitation. Write in detail cardiac rehabilitation of a patient with myocardial infraction. **(10)**

OR

Q. 1. Define COPD. Discuss in detail the clinical features and physiotherapy management of COPD. **(10)**

Q. 2. Write the Short Note. (3 out of 4) **(15)**

1. Physiotherapy management of a patient with right side pleural effusion.
2. Physiotherapy management of cystic fibrosis
3. Describe PNF technique of respiration.
4. Autogenic drainage

Q. 3. Write the Short Note. (5 out of 6) **(15)**

1. Types of Incentive Spirometer
2. V/Q ratio
3. Pursed lip breathing
4. Importance of Flutter device in respiratory conditions
5. Ventricular Septal Defect
6. Contraindications of Postural drainage

Section - II

Q. 1. Explain in detail about indications, contraindications, techniques and adverse effects of suction. **(10)**

OR

Q. 1. Explain in detail about indications, complications and physiotherapy management of thoracoplasty. **(10)**

Q. 2. Write the Short Note. (3 out of 4) **(15)**

1. Arterial blood gas analysis
2. Pleurodesis
3. Lung volumes and capacities
4. Post-operative Physiotherapy management of Tetralogy of Fallot

Q. 3. Write the Short Note. (5 out of 6) **(15)**

1. Pulse oximeter
 2. Weaning criteria of ventilator
 3. IABP
 4. Drugs used in ICU
 5. Various method used in humidification
 6. Various devices used for administering oxygen therapy
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