



# RAN-4020

## Final Year B. Physiotherapy Examination

### March / April - 2019

### Cardiopulmonary Physiotherapy

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Final Year B. Physiotherapy

Name of the Subject :

Cardiopulmonary Physiotherapy

Subject Code No.: 4 0 2 0

Seat No.:

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Student's Signature

### SECTION-I

**Q.1.** Discuss the phases of cardiac rehabilitation of a patient with pericarditis **(10 marks)**

OR

**Q.1.** Define Bronchiectasis. Write down Physiotherapy treatment for the 44 year male patient suffering from Bronchiectasis. **(10 marks)**

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

- 1) Segmental breathing exercises
- 2) PT management in Asthma
- 3) Clinical examination of Atelectasis
- 4) Explain any two chest PNF techniques

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

- 1) Thoracic mobility exercises
- 2) Importance of Flutter device in respiratory conditions
- 3) Explain principles of fitness
- 4) Mention the muscles of respiration
- 5) What is Pulmonary Tuberculosis and mention the care taken while treating the Pulmonary TB patient.
- 6) Explain how positions are beneficial to Obstructive lung diseases.

## SECTION-II

**Q.1.** Discuss the pre and post-operative assessment and management of patient undergoing lobectomy. **(10 marks)**

**OR**

**Q.1.** Write in detail the different modes of mechanical ventilation. Define initiation and weaning criteria for the same. **(10 marks)**

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

- 1) PT management of coarctation of aorta.
- 2) Endotracheal suction
- 3) Oxygen therapy
- 4) Six minute walk test

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

- 1) Ventricular septal defect (VSD)
  - 2) Angioplasty
  - 3) Arterial blood gas analysis
  - 4) Peak flow meter
  - 5) Manual hyperinflation
  - 6) Normal ECG
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