



RAN-4020

Final Year B. Physiotherapy Examination

March / April - 2019

Cardiopulmonary Physiotherapy

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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