



**BBW-202109**

Seat No. \_\_\_\_\_

**Final Year B. P. T. Examination**

**August - 2021**

**Physiotherapy in Cardio - Pulmonary Conditions**  
*(New Course)*

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) The answers should be specific to the question asked.
  - (2) Draw diagrams wherever necessary.
  - (3) Answer all the questions.

### **Section I**

**1 long answer (any 1 out of 2) 1\*10=10**

1. Write physiotherapy assessment and management for patient with peripheral venous and lymphatic disease.
2. Describe the physiotherapy assessment and management for following left pneumonectomy

**2 short answer (any 3 out of 4) 3\*5=15**

1. Prosthetic valves
2. Weaning criteria from ventilator
3. Differences between restrictive and obstructive disease
4. PEFR

**3 very short answer (any 5 out of 6) 5\*3=15**

1. PEEP, NEEP, ZEEP
2. Cough
3. First and second heart sound
4. Explain five contraindications for postural drainage
5. X-ray findings of COPD
6. I.C.D.T

## Section II

### 1 long answer (any 1 out of 2)

**1\*10=10**

1. A 60 year an old man admitted to an acute care hospital via the emergency room with sever chest pain and shortness of breath. Patient was diagnosed with acute anterior wall myocardial infarction. He has taken to the cardiac catheterization lab and received a PTCA (percutaneous transluminal coronary angioplasty). Write assessment and PT management of it.
2. Pulmonary function testing.

### 2 short answer (any 3 out of 4)

**3\*5=15**

1. Cardiac cycle
2. Oxygen dissociation curve
3. Exercise tolerance testing
4. How to analyse ABG reports

### 3 very short answer (any 5 out of 6)

**5\*3=15**

1. Post-operative respiratory complications
  2. Thoracic mobility exercises
  3. Flutter
  4. Diaphragmatic excursion
  5. Causes of respiratory acidosis and alkalosis
  6. Pulse oximetry
-