

**Final Year B.Physiotherapy Examination**  
**Physiotherapy in Cardiopulmonary Conditions**

Date : 03-09-2020, Thursday]

[Time : 3 Hours

[Max. Marks : 80]

Instructions : (1) Figure to the right indicates marks.  
 (2) Draw diagram wherever necessary.  
 (3) Write legibly.  
 (4) Use Separate answer books for each section.

**Section I**

Q1 Write in detail about physiotherapy management of a patient with chronic obstructive pulmonary disease. 15 marks

Or

Q1 Write about normal and abnormal respiratory sounds during auscultatory examination of a patient with a respiratory disorder. 15 marks

Q2 Write Short notes (3 out of 4) 15 marks

- a) Explain pump handle and bucket handle movements in short.
- b) Enlist common impairments in COPD
- c) Enlist modes of mechanical ventilation
- d) Strategies to facilitate coughing in a patient with weak abdominal muscles.

Q3 Write Short notes (2 out of 3) 10 marks

- a) Postural drainage for upper lobes
- b) Differentiate coughing and huffing
- c) Grades of dyspnea

**Section II**

Q4 Write in detail about physiotherapy management of a patient who has recently undergone CABG and is in ICCU. 15 marks

Or

Q4 Write in detail about physiotherapy management of a patient with lymphoedema. 15 marks

Q5 Write Short notes (3 out of 4) 15 marks

- a) Grades of clubbing
- b) Technique of assessment of radial pulse
- c) Components of normal ECG and their significance
- d) Rating of perceived exertion

Q6 Write Short notes (2 out of 3) 10 marks

- a) Enlist impairments in chronic heart failure
- b) Criteria to terminate exercise stress testing
- c) Write in short about Orthostatic hypotension