

P P SAVANI UNIVERSITY

Seventh Semester of B. P.T. Examination

January 2020

SPPT4010 PT in Cardio Respiratory Conditions

06.01.2020, Monday

Time: 09:00 a.m. To 12:00 p.m.

Maximum Marks: 70

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION - I

- Q - 1 Essay Question(Any One) [10]**
- (i) Mechanical aids to clear secretions and to decrease the work of breathing.
- (ii) Explain in detail about common complications and physiotherapy management following surgeries.
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- Q - 2 Short Note(Any Two) [10]**
- (i) Write types, indication, contra-indication and technique of Incentive spirometer
- (ii) Sub-maximal Exercise Tolerance Test
- (iii) Arterial Blood Gas analysis
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- Q - 3 Very Short Notes(Any Five) [15]**
- (i) Muscles used in Respiration
- (ii) Humidification
- (iii) Explain ventilation perfusion mismatch
- (iv) ECG changes in Myocardial Infarction
- (v) ACBT
- (vi) Drugs to treat bronchospasm
- (vii) Autogenic drainage

SECTION - II

- Q - 1 Essay Question(Any One) [10]**
- (i) Write physiotherapy management of Left upper Lobectomy
 - (ii) Write physiotherapy management of CABG-open heart surgery
- Q - 2 Short Note(Any Two) [10]**
- (i) Pulmonary rehabilitation Team
 - (ii) Exercise prescription for IHD
 - (iii) Modes of mechanical ventilator
- Q - 3 Very Short Notes(Any Five) [15]**
- (i) Clubbing
 - (ii) Co-arctation of aorta
 - (iii) SA Node
 - (iv) Coronary arteries
 - (v) Tracheostomy tube
 - (vi) Long term Oxygen therapy
 - (vii) Features of Pleural effusion
