

Registration No:

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Total Number of Pages: 01

Course: MPT

SUBJECT NAME: Cardio-Pulmonary Disorder

SUB_CODE: 23MPT2C2

(2st Year MPT) Examination: 2023-24 (Admitted Batch)

BRANCH: Allied Sciences

Q. CODE: A389

Max Time: 3 Hours

Max Marks: 80

Sitting: 1st, 10.00 AM to 1.00 PM

Any Question having parts should be answered as whole at one place only.

Illustrate answer with diagrams wherever relevant / required if any)

The figures in the right-hand margin indicate marks.

Answer any 5 out of 7. Q8 is compulsory

- Q 1 Describe in detail the Physiotherapy Assessment of a critically ill patient in ICU. (1 x 15 Marks)
- Q 2 Explain the assessment and exercise prescription in patients with renal dysfunction (1 x 15 Marks)
- Q 3 Write an essay on Cardiopulmonary Exercise Testing in relation to Physiological basis and parameters measured, Indications and contraindications, Clinical interpretation for physiotherapy decision making. (1 x 15 Marks)
- Q 4 Discuss short term & long-term management of GBS patient who is currently on mechanical ventilation (1 x 15 Marks)
- Q 5 Discuss evaluation and training of respiratory muscle strength & endurance in chronic obstructive pulmonary disease. (1 x 15 Marks)
- Q 6 Explain Lung expansion therapy – methods and techniques to improve airway clearance. (1 x 15 Marks)
- Q 7 Enumerate various types of ulcers & discuss physiotherapy treatment for venous ulcer. (1 x 15 Marks)
- Q 8 (5 x 1 Marks)
- Define VO_2 Max.
 - Normal PaO_2 , $PaCO_2$ value.
 - Name one scale used for dyspnea assessment.
 - One contraindication for exercise stress testing.
 - One outcome measure used in ICU rehabilitation
