



63403/63803

**Fourth B.P.Th. (Old/New) Examination, Summer 2012
PHYSIOTHERAPY IN GENERAL MEDICAL AND SURGICAL
CONDITIONS**

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

- Instructions:**
- 1) All questions are compulsory.
 - 2) The number to the right indicates full marks.
 - 3) Draw diagrams wherever necessary.
 - 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

**SECTION – B
(SAQ)**

2. Answer the following (any five out of six) : (5×3=15)

- a) State Wallace's rule of nines.
- b) Enumerate three main aims of pre-operative physiotherapy.
- c) Any two electrotherapeutic modality for treatment of infected wound.
- d) Active Cycle of Breathing Technique.
- e) Borg's scale.
- f) Three main uses of flutter.

3. Answer the following (any three out of four) : (3×5=15)

- a) Physiotherapy treatment in Pneumonia.
- b) Phases of ventilator.
- c) Deconditioning effects of bed rest.
- d) Physiotherapy management in Burger's disease.

**SECTION – C
(LAQ)**

4. A 65 year old retired salesman, chronic smoker complains of breathlessness on walking short distances with productive cough and mucopurulent sputum since the past one week. He has been diagnosed as having chronic obstructive pulmonary disease and is on antibiotics and bronchodilators.

- a) Discuss the impairments with clinical reasoning. 5
- b) Describe the short term physiotherapy management. 5
- c) Chalk out the long term goals with measures used to achieve the same. 5

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SECTION – C

4. A 27 year old unmarried girl underwent right upper and middle lobe, lobectomy two days back following a diagnosis of bronchiectasis. She is in the Intensive Care Unit, but off the ventilator and on auscultation there is decreased air entry over the remaining parts of the lungs with foreign breath sounds in the right lower lobe. She is a tailor by profession and lives in a slum with her parents and younger sister.

- List the changes in body function and structure with clinical reasoning.
- Discuss the goals of physiotherapy treatment and design an individualized rehabilitation programme for her. (5+5+5)

5. A 55 year old male teacher with history of diabetes and hypertension has been diagnosed with anterior wall myocardial infarction two weeks back. The vital ~~parameters for the patient have stabilized and he has been shifted to the ward~~ but he still complains of chest pain some times. He resides on the second floor with his wife and two college going sons and the building does not have a lift.

- State the changes in body function and contextual factors for the patient
- Plan his rehabilitation programme in appropriate phases so that he is able to return to work as soon as possible.

OR

5. A 35 year old soldier underwent left above knee amputation following injuries to the leg in a bomb blast four days back. The drains have been removed and patient is advised mobilization by the operating surgeon. He resides in a village but is at present admitted in a city hospital and is accompanied by his wife. His parents and five year old son are still in the village.

- Discuss the changes in body structure, activity limitations and contextual factors for the patient.

- Discuss the short and long term goals along with physiotherapy treatment for the patient.

(5+5+5=15)