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Fourth B.P.Th. (2012) Examination, Winter 2016
CARDIOVASCULAR - RESPIRATORY PHYSIOTHERAPY
(Including Critical Care)

Total Duration Section A+B = 3 Hours

Total Marks : 80

SECTION — A & SECTION — B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **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.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** Sections.

SECTION — A **SAO (50 Marks)**

1. Short answer question (**any five** out of six) : **(5x3=15)**
 - a) Characteristics of deep partial thickness burns.
 - b) Any three incisions for abdominal surgery.
 - c) Hazards of suctioning.
 - d) Huffing and coughing techniques.
 - e) Three special tests to assess arterial insufficiency.
 - f) Clinical features of Tetralogy of Fallots.
2. Short answer question (**any five** out of six) : **(5x7=35)**
 - a) Phase one Cardiac Rehabilitation following Myocardial Infarction.
 - b) Physiotherapy management following below knee amputation_
 - c) Physiotherapy management of venous ulcers.
 - d) Discuss importance of pre-operative chest physiotherapy in major Abdominal surgeries.
 - e) Active cycle of breathing technique.
 - f) Physiotherapy management of right lower lobe bronchiectasis.

P.T.O.

SECTION — B **LAQ** (30 Marks)3. Long answer question (**any one** out of two) :**(1x15=15)**

- a) A 50 year old male patient, chronic smoker since last 30 years, stays on floor with no lift facility, is admitted with chief complaints of dyspnea on performing activities of daily living and productive cough since past two days. His Pulmonary Function test shows moderate obstructive, he has mild hypoxaemia and hypercapnia. Discuss functional diagnosis, short term and long term Physiotherapy management. **(5+5+5)**
- b) A 45 year old female patient, a farm labourer by occupation underwent right modified radical mastectomy two days back. She is married with two children. She is one of the earning members of the family and wishes to resume her farm activities. Discuss her functional diagnosis, short term and long term Physiotherapy management.

4. Long answer question (**any one** out of two) :**(1x15=15)**

- a) A 13 year old boy sustained burn injury during firecracker explosion. He suffered from inhalational burns with 30% neck, chest and hand partial thickness burns. Discuss functional diagnosis, short term and long term physiotherapy management. **(5+5+5)**

OR

- b) A 40 year old male labourer, diagnosed case of hydatid cyst of right lower lobe, underwent right lower lobe lobectomy two days back via a posterolateral thoracotomy. He is right hand dominant, is currently having cough with expectoration with an intercostal drain in situ. Discuss Functional diagnosis, short term and long term Physiotherapy management.