

51413

Fourth B.P.Th. (2012) Examination, Summer 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 answer book for all Sections.***

SECTION — A SAQ (50 Marks)

- 1. Short answer question (any five out of six) :** **(5x3=15)**
 - a) Enumerate three electrotherapy modalities used to treat infected wound.**
 - b) Enumerate three incisions used in an abdominal surgery.**
 - c) Chyne-Stokes respiration.**
 - d) Borg's CR10 Scale.**
 - e) Bruce protocol.**
 - f) Radiological findings of pleural effusion.**
- 2. Short answer question (any five out of six) :** **(5x7=35)**
 - a) Write two special test to assess venous insufficiency.**
 - b) Physiotherapy management following gastrectomy.**
 - c) Physiotherapy management following radical mastectomy.**
 - d) Physiotherapy management for glycemic control in diabetes mellitus.**
 - e) Write importance of life style modification in prevention of ischemic heart diseases.**
 - f) Explain cardio-respiratory changes associated with aging and fitness program.**

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SECTION — B LAO (30 Marks)

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

- a) A 55 years old male, farmer, chronic alcoholic, has suffered from myocardial ischemia 2 days back.

Discuss

- i) Functional diagnosis. 5
- ii) Physiotherapy management in detail. 10

OR

- b) A 35 years old male laborers is diagnosed as a middle lobe bronchiectasis with chief complaint of cough with expectoration and breathlessness. Write

- i) Functional Diagnosis. 5
- ii) Short term and Long Term goals. 5
- iii) Physiotherapy management. 5

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

- a) A 30 years old male has sustained 60% burns involving neck, chest and both arms. He is admitted in an ICU. Write

- i) Functional Diagnosis. 5
- ii) Physiotherapy management. 5
- iii) Role of positioning and splinting. 5

OR

- b) A 25 years old male, chronic smoker, complains of intermittent claudicatibn and cold feet with sweating. Write

- i) Functional diagnosis.
- ii) Physiotherapy management.