



**51413**

**Fourth B..P.Th. (2012) Examination, Winter 2018**  
**CARDIOVASCULAR-RESPIRATORY PHYSIOTHERAPY**  
**(Including Critical Care)**

Total Duration : Section A + B = 3 Hours

Total Marks : 80

**SECTION — A and 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 SAQ (50 Marks)**

1. Short answer question (any five out of six) : (5)(3=15)
  - a) Describe two Positive Expiratory Pressure (PEP) devices.
  - b) Diaphragmatic breathing exercises.
  - c) Write radiological findings of emphysema.
  - d) Rule of nine for burns evaluation.
  - e) Write characteristics of an ideal stump.
  - f) Ankle brachial index.
2. Short answer question (any five out of six) : (5x7=35)
  - a) Write precautions and contraindications for postural drainage in a neonate.
  - b) Write absolute and relative contraindications of exercise tolerance test.
  - c) Explain positioning strategies to prevent deformities in patients with burns.

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- d) Write physiotherapy management of bronchiectasis.
- e) Write physiotherapy management of Deep venous thrombosis.
- f) Explain role of physiotherapy in diabetes mellitus.

**SECTION — B LAO (30 Marks)**

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

- a) A 30 year old farmer is suffering from breathlessness, chest tightness, unproductive cough and audible wheezing. He is diagnosed as acute exacerbation of asthma. Write its functional diagnosis, with short term and long term Physiotherapy management. **(5+5+5)**
- b) A 50 year old female school teacher has infected venous ulcers in lower 2/3rd of lower leg and managed conservatively. Write its functional diagnosis and physiotherapy management and do's and don'ts. **(5+5+5)**

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

- a) A 60 year old shopkeeper has undergone CABG 1 week back and gives history of hypertension and diabetes mellitus. Write functional diagnosis and cardiac rehabilitation in detail. **(5+10)**
- b) A 52 year old nurse underwent thoracoplasty 2 days back, she was suffering from tuberculosis. Write its functional diagnosis and short term and long term physiotherapy management. **(5+5+5)**

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