

[Total No. of Pages : 3

51413

**Fourth BPTH (2012) Examination, Summer
(Phase - II) - 2019**

Cardiovascular - Respiratory Physiotherapy (Including Critical Care)

Total Duration : Sec. 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) : [5 × 3 = 15]
- a) State one effect of bed rest on any three different systems of human body.
 - b) Enumerate any three spirometric findings in restrictive lung condition.
 - c) Components of Active cycle of breathing technique.
 - d) Stages of wound healing.
 - e) Any three Splints used in burns with purpose of each.
 - f) State any three conditions in which nebulisers are used explaining its purpose in each.

N - 481

P.T.O

2. Short answer question (any five out of six):

To 51443

[5 × 7 = 35]

- a) What is diabetic foot and how to take care of a diabetic foot and why?
- b) Physiotherapy for complication in arterial disease involving popliteal artery at the knee.
- c) Energy conservation techniques for COPD patients & its importance.
- d) Describe various airway clearance techniques. Discuss the application, advantages and disadvantages of each.
- e) What are the Complication that may arise after general surgery under general anaesthesia? How can they be prevented?
- f) What are the various Exercise tolerance tests? what are the advantages and disadvantages of each?

Section - "B" LAQ (30 Marks)

3. Long answer question (any one out of two)

[1 × 15 = 15]

a) A 50 year old lady with history of pulmonary tuberculosis ten years back. She has completed full course of anti koch medication. However it resulted in right lower lobe bronchiectasis. She had intermittent episodes of infection now & then for last ten years. At present she complains of increased frequency of infective episodes with productive cough with foul smelling sputum. It is difficult for her to even laugh or talk for long as it ends up with cough and stress incontinence. She has dyspnoea on performing accustomed activities. She works as a clerk and wishes to continue with work but is worried if she would be able to.

i) Discuss the reasons for her impairments

[5]

ii) Plan a rehabilitation program for her

[10]

b) A 45 year old milk man delivering milk door to door has undergone right below knee amputation two days back. He is a known case of diabetes and hypertension on medication but uncontrolled. He is the only earning member of a family of five members. Discuss the short term goals and the long term goals of his rehabilitation. How he can go back to his previous job?

51413

[1 × 15 = 15]

4. Long answer question (any one out of two) :

- a) A 55 year old male, manager of a multinational bank was diagnosed to have triple vessel disease & underwent CABG three weeks back. He was discharged from the hospital after three days post operation; however he did not follow the advice of the physiotherapist. He is now referred for rehabilitation at first followup. He is a chronic smoker not ready to quit smoking. He is trying to alter his dietary habit with some success. BMI is 30 and has low levels of HDL cholesterol. The incision is well healed but patient is unable to raise his hands above head.
- i) Discuss the impairments With clinical reasoning [5]
 - ii) Physiotherapy for each impairment [7]
 - iii) Suggest life style modification with reason for the same. [3]
- b) Forty year old Sunita has undergone Right radical mastectomy three days back. Discuss the immediate and late complications that may arise and ways to prevent them. She is right handed and has heavy cooking duty as she gives tiffin boxes to ten clients in the morning and evening. Plan a rehabilitation program for her with reasoning. Why and how does she need to take care of her hand life long?



firstRanker.com