

B.Sc. RESPIRATORY THERAPY
(New Syllabus 2014-2015)

THIRD YEAR

PAPER IV – CARDIO PULMONARY REHABILITATION

Q.P. Code: 802619

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. How will you assess a COPD patient referred for pulmonary rehabilitation?
2. Mention the field tests done to measure exercise capacity and explain any one of them.
3. Define quality of life. Explain the two most widely used respiratory specific Questionnaires to assess health related quality of life in pulmonary rehabilitation.

II. Write notes on:

(8 x 5 = 40)

1. Explain Buteyko breathing.
2. Write about the measurement of exercise capacity in pulmonary rehabilitation.
3. List the positive airway pressure adjuncts and explain any one of them.
4. Mention the team members of cardiac rehabilitation and their roles.
5. Explain active cycle of breathing.
6. Mention the exclusion criteria for pulmonary rehabilitation.
7. St. George Respiratory questionnaire.
8. Mention the pathophysiologic abnormalities in chronic respiratory diseases and changes with exercise training.

III. Short answers on:

(10 x 3 = 30)

1. Clinical use of BODE index
2. Borg scale.
3. Mention the goals of cardiac rehabilitation.
4. Define pulmonary rehabilitation by American Thoracic Society guidelines.
5. What are the aims of pulmonary rehabilitation?
6. How would you estimate the loss of fat free mass in patients with chronic respiratory disease?
7. Mention the inclusion criteria for pulmonary rehabilitation.
8. Define health related quality of life.
9. Write about modified medical research council to assess dyspnoea.
10. Mention the team members of pulmonary rehabilitation.