

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year Master of Physiotherapy Degree Examination – 24-Nov-2023

[Time: 3 Hours]

[Max. Marks: 100]

Basics of Cardiovascular and Pulmonary Sciences - Paper-II (RS-4)

Q.P. CODE: 8136

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

10 X 10 = 100 Marks

1. Describe the patho-physiological mechanisms causing respiratory failure.
2. Elaborate on the risk factors and pathophysiology of acute coronary syndrome.
3. Differentiate the recommended daily allowance of trained and untrained individual and its significance.
4. Discuss the indirect measures of body composition and its importance.
5. Describe the factors affecting total daily energy expenditure.
6. Describe the methods of testing and training of the anaerobic system.
7. Enumerate the common skin conditions and give the clinical implications in physiotherapy.
8. Explain the modulation of pain.
9. Mention the types of exercise tolerance tests and give its importance.
10. Describe the role of physical activity in weight control.

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