

**Fourth Year Bachelor of Occupational Therapy Regular Examinations  
November 2024****Clinical Cardio Respiratory and Work Physiology****Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Elaborate on****(2x20=40)**

1. Cardiopulmonary resuscitation
2. Outline briefly the clinical features and management of carcinoma lung. Describe on how you would do pre operative evaluation and post operative care for a patient who has undergone pneumonectomy for carcinoma of lung.

**Write notes on****(8x5=40)**

3. Bronchopulmonary segments
4. Cardiovascular stress testing
5. Management of Ischemic heart disease
6. Ergometer
7. Atrial Septal Defect
8. Post extubation care
9. Flail chest
10. Syncope

**Short Answers****(10x2=20)**

11. Components of Tetralogy of Fallot
12. Median sternotomy
13. Isometric exercise
14. Causes of heart failure
15. Endotracheal intubation
16. Oxygen debt
17. Phosphocreatine
18. Motor unit
19. Endurance training
20. Bronchopneumonia

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