

**Fourth Year Bachelor of Occupational Therapy Degree Regular/
Supplementary Examinations November 2025**

Clinical Cardio Respiratory and Work Physiology

(2020 Scheme)

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. Discuss in detail about the aetiology, clinical features, diagnosis and management (including surgical options) of Aortic regurgitation. Draw diagram showing the auscultatory findings in Aortic regurgitation
2. Describe briefly the Aetiology, Pathology, clinical features, Investigations and management of carcinoma lung (Bronchial Carcinoma). Draw schematic diagram showing radiological presentation of bronchial carcinoma

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

3. Cardiovascular stress testing
4. Pulmonary function tests and their use
5. Haemothorax
6. Coarctation of aorta
7. Posterolateral thoracotomy
8. Pulmonary Hypertension
9. Physiology of Cardiac output
10. Treatment of Lung abscess

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

11. Effect of exercise on Renal Blood flow
12. Stove-in chest
13. Indications of Intercostal drainage
14. Post-extubation care
15. Surgical treatment options of Coronary Artery Disease
16. Cardiac Conduction pathway
17. Clinical features of PDA (Persistent Ductus Arteriosus)
18. Common causes of sudden cardiac death
19. Oxygen debt
20. ABG and its normal values

CORRECTION / NO-CORRECTION FILE
--

QPCODE: 401022

Dated: 25-11-2025

Question No.1

Modified as "Discuss in detail about the physiology, clinical features, investigations and management of Aortic regurgitation."

Question No.2

Modified as "Describe briefly the risk factors, clinical features, investigations and management of carcinoma lung (Bronchogenic Carcinoma)."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS