

**THE APOLLO UNIVERSITY**  
**Saketa, Chittoor, AP**  
**AHS- IV Semester End Examination, June, 2024**  
**PAPER -I - RTTT2504 - PATHOPHYSIOLOGY SPECIFIC TO**  
**RESPIRATORY THERAPY-II**

**Time: 3 hours**

**Max. Marks: 60**

**Section –A (10x2=20 marks)**  
**Answer all Questions with Short Answers**

1. What is “Berlin definition of ARDS”?
2. What are the treatments of ALI?
3. What is pulmonary vasculitis?
4. Define pulmonary embolism?
5. Define “Dry drowning”?
6. What is Hypoxic gas?
7. Define “Pump Failure”?
8. Define squamous cell lung carcinoma
9. What is brady arrhythmias?
10. What is mean by congenital heart disease?

**Section –B (5X8=40 marks)**  
**Answer all Questions either A or B in 400 words each**

11. A) Define interstitial lung disease. Write in detail about ILD.  
**OR**  
B) Explain in detail about the *Sarcoidosis*.
12. A) Discuss in detail the *venous thromboembolism*.  
**OR**  
B) Write a detail note on *pulmonary edema*.
13. A) Discuss in detail the sources, Pathophysiology, Patient assessment, treatment and Prevention of carbon-monoxide poisoning.  
**OR**  
B) Write a detail note on “Drowning”

**Cont.....**

14. A) Explain in detail about the stages of lung cancer.

**OR**

B) Write a detail note on “Peri operative” respiratory failure.

15. A) Mention in detail about the types, etiology, pathophysiology, clinical features, investigations and management of it.

**OR**

B) Discuss in detail about heart failure.

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