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ANDHRA PRADESH PARAMEDICAL BOARD, VIJAYAWADA  
COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, JANUARY, 2019  
DIPLOMA IN RESPIRATORY THERAPY TECHNICIAN COURSE

PAPER I

CARDIOPULMONARY ANATOMY, PHYSIOLOGY AND MEDICAL TERMINOLOGY

Time: 3 Hours  
Answer any **TEN** questions

Total Marks:80  
All Questions carry equal marks

Write the entire answer to a question at one place only but not in different stages

1. Draw a diagram of bronchopulmonary segments and add a note on applied aspects.
2. Chemical control of respiration.
3. What are the various components of arterial blood gas analysis?
4. What muscles participate in the phases of respiration?
5. What is the cardiac output and the factors influencing it.?
6. Draw the diagram of basic ECG and label the components.
7. Define the blood pressure and the factors for the control of Blood pressure.
8. Draw a schematic diagram of laryngoscope an label the parts.
9. Draw sketch of chest PA, AP and lateral view and label them.
10. What is the principle of VENTURI and what are the various devices used?
11. Laryngeal mask airway.
12. What is incentive spirometry and its use in ICU setting?