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

PAPER I

ANATOMY, PHYSIOLOGY AND BASICS OF DIAGNOSTIC TECHNIQUES

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 schematic diagram of coronary arteries with labeling.
2. What are the usual characteristics of chest PA, AP view?
3. What is cardiac output and the factors effecting it?
4. What are the various aspects of pulmonary circulation?
5. What are the branches of aorta, label with a diagram?
6. What is pulmonary capillary wedge pressure and how to monitor it ?
7. What is ECMO(extra corporeal membrane oxygenation) ?
8. What are various components of blood & role of fresh frozen plasma in ICU ?
9. Role of Nuclear Medicine Scan In Cardiac Disease.
10. What are the Parameters in Arterial Blood Gas Analysis?
11. Draw a Diagram of Conduction System of Heart.
12. Cardiopulmonary Exercise Testing In Cardiac Disease.