

ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

DIPLOMA IN CATHLAB TECHNICIAN COURSE

PAPER I

Cardiac Catheterization & Cardiac Physiology

Time: 3hrs.

Total Marks:80

Answer any **TEN** Questions

All Questions carry equal marks

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

1. Describe the normal anatomy of the coronary arteries. Draw a diagram of the coronary arteries and label the parts. (4+4)
2. What are the normal pressures in Left Atrium, Left Ventricle, Aorta, Right atrium, Right Ventricle and Pulmonary Artery? Draw the pull-back pressure tracing curve from LV to Aorta in a normal person (4+4)
3. Draw a diagram showing coronary angiogram of the following views and label the parts (2+3+3)
 - a) LAO view of normal Right coronary artery
 - b) LAO caudal of normal Left coronary artery
 - c) LAO cranial view of RCA showing block in Posterior descending artery
4. What is the instrument used to measure intra-arterial pressure in the cath. Lab? Draw the normal pressure tracing when the catheter is in the coronary artery. What is damping? What is ventricularization? (2+2+2+2)
5. Draw a representative diagram of the circulation of the body. Describe briefly the functions of the circulatory system (5+3)
6. Mention the indications and contraindications for cardiac catheterization. (4+4)

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