

ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

DIPLOMA IN CATHLAB TECHNICIAN COURSE

PAPER III

Cardio Vascular Physiology

Time: 3hrs.

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. What is CPR, BLS and ALS (ACLS)? Describe briefly the steps of CPR in a patient with Ventricular Fibrillation (3+5)
2. What is Atrial Septal Defect? Mention at least two types of ASD? What is the main ECG features of ASD? Describe briefly the procedure of device closure of ASD (2+2+1+3)
3. Draw a normal ECG and label the parts. Mention the origin of each wave/complex. (3+5)
4. What is hexaxial system of the heart? Draw the hexaxial system of the heart. What is Einthorn's law? (2+3+3)
5. Write short notes on the following (4+4)
 - a) ECG artifacts
 - b) Damping
6. Write the various types of acyanotic heart diseases
7. Mention at least two cardiac causes for chest pain. Mention one common test done in a patient with chest pain to know if it is cardiac ischemic pain. Describe briefly how the test is done? (2+1+5)
8. Draw the ECG in V1 lead in RBBB and LBBB. Mention one cause for RBBB and one for LBBB. What is it used for? (2+2+2+2)
9. Explain the types of communication

Contd..2