

# ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

## DIPLOMA IN ECG TECHNICIAN COURSE

### PAPER II

Cardio Vascular Pathology, Anatomy, Physiology & Biochemistry

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. Draw a diagram showing the chambers of the heart and label the parts. Describe the anatomy of the cardiac chambers. (4+4)
2. What is normal blood pressure? What is hypotension and shock? What is Hypertension? Mention any two commonly used antihypertensive drugs. (2+2+2+2)
3. Describe briefly the conduction system of the heart. Draw a diagram showing the same. (4+4)
4. Write short notes on the following (what is the drug and what it does, one condition where it is used, dose and route of administration) (2+2+2+2)  
a) Adrenaline b) Atorvastatin c) Aspirin d) Frusemide (Lasix)
5. What is heart failure? Name at least two important symptoms (complaints) it causes. Mention two common causes. Mention any two important drugs used to treat HF. (2+2+2+2)
6. Write short notes on the following (4+4)  
a) Mitral Regurgitation b) Pericardial effusion
7. What is Mitral Stenosis? What complaints does it cause in the patient? What arrhythmia is common in MS? What procedure is done in the cath. Lab to treat MS? (2+2+2+2)
8. Describe briefly the blood supply to the heart. What is stable angina? Mention two drugs used in stable angina. (4+2+2)

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