

DECU

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

PAPER- II

Cardio Vascular Pathology, Anatomy, Physiology & Biochemistry of System

Time: 3 Hours

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. Write short notes on a) Unstable angina and ECG features b) IV drugs used in ICU to increase or decrease blood pressure (4+4)
2. Write a note on hypertension, complications/ sequelae of untreated severe hypertension and antihypertensive drugs. (2+3+3)
3. Describe the ECG features of acute MI and draw a diagram labelling the parts. (5+3)
4. Write very short notes on a) Adrenaline b) Atropine c) Adenosine (3+3+2)
5. Write a note on what is heart failure, causes and Echo in heart failure. (2+3+3)
6. Write a note on stable angina and the cause for it. Write about drugs used to treat stable angina. (4+4)
7. Write short notes on a) PSVT / AVNRT (paroxysmal supraventricular tachycardia / atrioventricular nodal re-entry tachycardia) & ECG features b) Atrial fibrillation & ECG features (4+4)
8. Write short notes on a) Mitral stenosis & echo b) Pericardial effusion & echo
9. Write short notes on a) Frusemide (Lasix) b) Amiodarone c) Digoxin (3+3+2)
10. Write a note on Infective endocarditis and Echo .
11. A patient with old Myocardial infarction and not on treatment, came with palpitation and breathlessness. Pulse 180. BP 70/50. ECG shows rate of 180 and wide QRS. What is the possible diagnosis. Draw an ECG and write the ECG features. Write the emergency treatment of this patient in the ICU. (2+3+3)
12. What is CPR (cardiopulmonary resuscitation). Write a note on how to recognize cardiac arrest and perform CPR. (2+6)