

# ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

## DIPLOMA IN ECG TECHNICIAN COURSE

### PAPER I

#### Electro 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**

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1. Draw the normal ECG and label the parts. Describe the normal ECG and intervals. (4+4)
2. What are the ECG features of acute myocardial infarction? Draw an ECG showing these changes. In which leads do you see these changes. (3+3+2)
3. What is tachycardia? Draw an ECG showing Ventricular Tachycardia (VT). Describe the ECG features of VT. Mention one cause of VT. What treatment will you give to a patient who has VT and pulse not felt? (1+2+2+1+2)
4. A 70 year man came to the hospital complaining of giddiness (reeling). His pulse rate is 40/min. He told that he was recently prescribed atenolol 50mg per day from one week. His ECG shows regular P-P interval and regular R-R interval but varying R-R interval. His BP is 90/60.  
What is the likely diagnosis? What is the possible cause for this? Draw an ECG showing this diagnosis. Mention one intervention procedure that can help him. (2+1+3+2)
5. Explain the safety standards of ECG machine

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