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

PAPER- III

Defibrillator-indications & Operations

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) Duties of technician in ICU b) Equipment in the ICU (4+4)
2. Write short notes on a) Defibrillator b) Temporary pacemaker (4+4)
3. What is stress testing? What are the indications? What are the contraindications for doing a Treadmill test (TMT)? (2+2+3)
4. Write short notes on a) Holter monitoring b) Transesophageal echo (4+4)
5. What is echocardiography? Write about the various types of Echocardiography. Draw an apical 4 chamber view of the heart. (2+4+2)
6. Write short notes on uses of a) M-mode b) Color Doppler c) Pulse Doppler (3+3+2)
7. Draw diagrams and label the parts of a) M-mode of Left ventricle at mitral valve level
b) Color Doppler of mitral & tricuspid regurgitations c) Pulse Doppler of normal Mitral flow (3+3+2)
8. Write short notes on a) When to terminate a treadmill test b) Interpretation of TMT (4+4)
9. A 50 year old male obese (fat) smoker working as computer operator for the full day, came with complaint of chest pain when walking up stairs and relieved by taking rest. What is the diagnosis? What test will help to confirm the diagnosis? Write the drugs used to treat this condition. What other lifestyle advice will you give? (1+1+3+3)
10. Write short notes on a) Monitoring of patients in the ICU b) Ambu bag & laryngoscope (4+4)
11. Write a note on how to perform a treadmill test. Write a brief note on how you will prepare the patient for the TMT. (4+4)
12. Write briefly on a) Writing an Echo report b) Preparation of patient for elective DC shock (4+4)

Asok
5/1/19