

Dcath

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

PAPER- II

Devices used in pacing pace-maker and its types

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. What is coronary artery disease? Describe briefly the pathology of how myocardial infarction (MI) occurs. Mention which arteries are involved in different types of myocardial infarction. (2+4+2)
2. A 75 year lady patient came with reeling sensation and syncope. Pulse 30/min. BP 80/60. What is the likely diagnosis and Draw a diagram of the ECG. Mention what emergency drugs you will give to treat the patient. Write about one intervention procedure to treat the patient immediately. (3+2+3)
3. Write short notes on a) ASD and echo features b) Interpretation of Treadmill test to diagnose myocardial ischemia (4+4)
4. Describe briefly the procedure of PDA device closure. Draw a diagram and label the parts. Write a note on the role of technician. (4+2+2)
5. Describe briefly the procedure of PTCA (percutaneous transluminal coronary angioplasty). Draw a diagram of the procedure (5+3)
6. Write short notes on a) Primary PCI (percutaneous coronary intervention) b) PDA device closure
7. Write short notes on a) Complications of PTCA b) Preparation of patient for PTCA (4+4)
8. Describe briefly the procedure of permanent pacemaker implantation. Write a few indications. Draw an ECG of V1 lead of a patient after PPI. (VVI mode) (4+2+2)
9. Write short notes on a) Diagnosis of acute MI b) Drug treatment of acute STEMI in the ICCU (4+4)
10. Write short notes on a) Adrenaline b) Atropine c) Heparin (3+2+3)
11. Write short notes on a) Pacemaker code terminology b) Fluoroscopy in permanent pacemaker implantation and post-implantation care (4+4)
12. Write short notes on a) Echo features of mitral stenosis b) Indications and contraindications for PBMV (Percutaneous balloon mitral valvotomy)