

# ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

## DIPLOMA IN CATHLAB TECHNICIAN COURSE

### PAPER II

Devices used in Pacing Pacemaker

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. Write in detail about cardiac output
2. What is VVI permanent pacing? Mention at least 2 indications for Permanent pace maker therapy. Briefly describe the procedure of Permanent pacemaker implantation (1+2+5)
3. Describe the preparation of a patient for permanent pacemaker implantation. What are the important steps / precautions advised to a patient after PPI? (4+4)
4. Describe the clinical manifestations and investigations of Deep Venous Thrombosis
5. What is congenital heart disease (CHD)? Classify congenital heart diseases. Give at least four examples belonging to different groups. (2+3+3)
6. What is the letter coding for permanent pacemakers? What does each letter mean? Give two examples of letter coding and how they function? (2+3+3)
7. What is PDA? Briefly describe the circulation in PDA. Draw an Echo picture showing a PDA. Mention one intervention that can be done in a cath lab to close a PDA. Briefly describe its steps (1+2+2+1+2)
8. Explain the sterilization techniques used for cardiac devices.

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