

# ANDHRA PRADESH PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR) EXAMINATIONS, DECEMBER, 2017

## DIPLOMA IN PERFUSION TECHNICIAN COURSE

### PAPER III

Cardio Pulmonary Bypass and Other Connected  
Subjects

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. Mention the common cardiac surgeries done using cardiopulmonary bypass. Mention the principles of post-operative monitoring in these patients. (4+4)
2. Mention the important equipments (mention at least four) that must be available in a CTVS (Cardiothoracic & Vascular Surgery) Intensive Care Unit. Briefly describe what are they used for. (4+4)
3. Write short notes on: (4+4)
  - a) Standardization in ECG recording
  - b) Damping in pressure monitoring
4. Explain about Quality Control and Quality Assurance.
5. What is the proper Endotracheal tube placement mark for men and women? Mention the artificial airway problems that can happen. Write how to manage/rectify any two of them. (2+3+3)
6. What are the duties of a perfusion technician in the CTVS OT and in the CTVS ICU? Write a brief note on patient confidentiality (3+3+2)

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