

DRGA

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

PAPER- III

Ultra Sound Imaging, Interventional Procedures & Angiography

Time: 3 Hours  
Answer any **TEN** questions

Total Marks: 80  
All Questions carry equal marks

Write the entire answer to a question at one place only but not in different stages

- 1) Short notes on Interaction of Ultrasound with matter.
- 2) How do you prepare a patient for Doppler?
- 3) Explain generations of CT.
- 4) What is CT Image Reconstruction?
- 5) Short notes on CT Artifacts.
- 6) Advantages & Disadvantages of MRI.
- 7) MR Angiography - Technique.
- 8) Different types of pulse sequences in MRI.
- 9) Short notes on Data Acquisition system.
- 10) Short notes on Piezzo-electricity in Ultrasound.
- 11) 3D - Ultrasound imaging.
- 12) Basics of cardiac catheterisation.

*Asoked*  
*5/1/19.*