

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M.D. Degree Examination – MAY-2019**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Radio Diagnosis**

**PAPER – I**

**Q.P. CODE: 7461**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. What are bone changes in rickets and Scurvy? Describe them.
2. Classify the contrast media. Add a note on MR contrast media.
3. Write short notes on :
  - a. Technetium<sup>99</sup>
  - b. Cyclotron
  - c. Xero radiography
  - d. Carbon dioxide angiography
4. Describe Angiographic anatomy of coronary arteries.
5. Discuss anatomy of neck spaces and role of imaging in neck spaces.
6. Describe ultrasound and Doppler Artifacts.
7. Write short notes on:
  - a. Radiation monitoring devices
  - b. Mammography X-rays
8. Classify bone tumors and describe radiological features of Ewing's Sarcoma.
9. Describe the dark room setting.
10. Elastography principle and application.

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