

124-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

RADIO DIAGNOSIS

Paper-I – Basic Sciences

Time : 3 Hours

Max. Marks : 100

Note : Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Enumerate the anatomical variants and congenital anomalies of the aorta, with a brief account of the imaging features.
2. Explain in detail the radiation protection followed in x-ray, Fluoroscopy and CT scan room.
3. Describe the various types of X-ray grids and their effect on image quality.
4. Describe the side effects of iodinated I.V contrast. How would you treat anaphylaxis?
5. What are the indications of Small bowel enema and how would you perform the procedure?
6. Describe the radiological features of Ankylosing Spondylitis.
7. Draw a labelled diagram of bronchopulmonary segments on a chest PA and lateral radiograph.
8. What are the factors influencing radiograph quality? Discuss the ways to improve the quality of a radiograph.
9. Plain X-ray findings in primary pulmonary tuberculosis.
10. Describe the types and imaging approach in Tracheo-esophageal fistula in an infant.

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