

127-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2013

RADIO DIAGNOSIS

Paper-IV : Radiodiagnosis including Nuclear Medicine
and other diseases

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Discuss the role of MRI in evaluation of congenital heart disease.
2. Discuss the role of interventional radiology in management of Obstructive jaundice.
3. Enumerate various radio-isotopes used in Hepato-Biliary system. Describe the imaging features and techniques in biliary atresia.
4. What is chemical shift imaging? Elaborate the different types of chemical shift imaging used in MR system.
5. Describe the role of PET-CT in evaluation of Lymphoma.
6. Describe the approach to imaging in pulmonary afflictions of Acquired Immune Deficiency Syndrome (AIDS).
7. Enumerate the various Cerebello-pontine (CP) angle masses and discuss their imaging features.
8. Discuss the role of Doppler ultrasound in evaluation Peripheral Arterial Disease in the lower limb.
9. What are the reconstruction algorithms used in Computed tomography and explain them.
10. Discuss the role of Elastography in various organs of the body.

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