

**M.D. DEGREE EXAMINATION**  
**BRANCH VIII – RADIO DIAGNOSIS**  
**PAPER II – RADIO DIAGNOSIS INCLUDING NUCLEAR MEDICINE**

*Q.P. Code: 202032*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Discuss about technetium 99m isotope in imaging. Write about its various clinical applications.
2. Explain migration disorders based on congenital malformations of brain and discuss the role of imaging in diagnosing them.

**II. Write notes on:** **(10 x 7 = 70)**

1. Radioisotopes of iodine and thyroid imaging.
2. Imaging of Hepatic masses in children.
3. True lumen Vs false lumen in aortic dissection and its angiographic findings.
4. Radiographic evaluation of ureterocele.
5. Role of nuclear medicine in myocardial illness evaluation.
6. HRCT findings in sarcoidosis.
7. Imaging features of Budd chiari syndrome.
8. Primary Vs secondary hyperparathyroidism with imaging findings.
9. Imaging of idiopathic hypertrophic pyloric stenosis.
10. List mullerian anomalies and their imaging findings.

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