

**M.D. DEGREE EXAMINATION**

**BRANCH VIII – RADIO DIAGNOSIS**

**PAPER III – RADIO DIAGNOSIS INCLUDING INSTRUMENTATION AND  
CONTRAST STUDIES**

*Q.P. Code: 202033*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss pathophysiology and imaging findings in newborn respiratory distress.
2. Briefly describe the anatomy of the retroperitoneum and imaging differentials of retroperitoneal masses in childhood.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Enumerate the various causes of first trimester bleeding and describe in brief the sonographic features.
2. Total Anomalous Pulmonary Venous Connection (TAPVC).
3. Craniosynostosis.
4. Imaging in neurofibromatosis.
5. Imaging features in mucopolysaccharoidosis.
6. Tracheoesophageal fistula.
7. Contrast induced nephrotoxicity.
8. Pre-cochlear implant temporal bone imaging.
9. Role of imaging in testicular torsion.
10. Evaluation of cystic renal disease in infants.

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