

[LS 138]

NOVEMBER 2020  
(OCTOBER 2020 SESSION)

Sub. Code: 2033

**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. Describe the instrumentation and techniques of CT enteroclysis. Proceed with interpretation in a case with inflammatory bowel disease .
2. Paediatric spinal cord tumors, differentials with key imaging features.

**II. Write notes on:**

**(10 x 7 = 70)**

1. USG contrast agents and its role in liver disease
2. Imaging in emphysematous pyelo nephritis
3. Differentials for a child with acute pain in the lower abdomen and role of imaging
4. Sonographic views and checklist in fetal echocardiography
5. Calcium scoring in CT coronary angiography
6. Imaging in unilateral opaque hemithorax
7. Doppler studies in deep vein thrombosis of the lower limb
8. Virtual bronchoscopy
9. Dose reduction in paediatric CT
10. Role of USG in ectopic pregnancy

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