

[LS 139]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

Sub. Code: 2034

M.D. DEGREE EXAMINATION

BRANCH VIII – RADIO DIAGNOSIS

**PAPER IV – RADIO DIAGNOSIS INCLUDING INTERVENTIONAL
PROCEDURES AND RECENT ADVANCES**

Q.P. Code: 202034

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Elaborate in detail the causes of gastrointestinal bleeding and role of radiology in diagnosis and treatment .
2. Principle of PET CT. Role of PET in oncoimaging.

II. Write notes on:

(10 x 7 = 70)

1. BOLD imaging – its uses and limitations
2. Elastography, role in liver diseases
3. Application of diffusion imaging in abdominal MRI
4. Functional MRI in brain
5. Explain the procedure of pig tail drainage and its applications
6. MR Radiofrequency coils
7. Radiological intervention in a case of liver hydatid
8. CT perfusion and its applications
9. Intraoperative Ultrasonography
10. Neonatal Hip sonography
