

[LJ 139]

OCTOBER 2016

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. What are the various MRI sequences used in imaging the female pelvis including Perineal floor? Describe the multimodality approach towards characterizing a complex adnexal mass and uterine artery embolisation.
2. Describe the mediastinal compartments and the imaging approach towards diagnosis and characterisation of a mediastinal mass. Write a note on CT-guided biopsy of anterior mediastinal mass.

II. Write notes on:

(10 x 7 = 70)

1. Technique of percutaneous nephrostomy.
2. Radiological differences between cardiac and non-cardiac pulmonary edema.
3. Imaging features of epiploic appendicitis.
4. Imaging of intraventricular brain tumors.
5. Bronchial artery embolisation.
6. Imaging evaluation and differential diagnosis of presacral mass in a child.
7. Magnetic Resonance cholangio-pancreatography (MRCP).
8. Architecture of PACS (Picture archiving and communication system).
9. Patello femoral mal-alignment – Imaging assessment.
10. CT guided neurolysis in pain management.
