

[LH 137]

OCTOBER 2015

Sub. Code: 2032

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

Answer ALL questions

**(2 x 15 =
30)**

I. Elaborate on:

1. Enumerate hepatic masses. Discuss the role of various imaging modalities including Nuclear Medicine in its diagnosis and management.
2. Differential diagnosis of right iliac fossa pain. Describe in detail imaging features of ileo-cecal tuberculosis.

II. Write notes on:

(10 x 7 = 70)

1. Radiological appearances and differential diagnosis of rib notching.
2. Neurocysticercosis – Imaging findings and differential diagnosis.
3. Adult Respiratory Distress Syndrome (ARDS).
4. Ultra sound and Doppler findings in Ectopic pregnancy.
5. Imaging findings and differential diagnosis of Rickets.
6. Role of imaging in metabolic bone disease.
7. Imaging Lymph nodes of neck.
8. Describe Pancreatic embryology and its Congenital Anomalies.
9. Radiological Approach to Adrenal incidentaloma.
10. Radionuclide imaging of central nervous system.

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M.D. DEGREE EXAMINATION

BRANCH VIII – RADIO DIAGNOSIS

PAPER III – RADIODIAGNOSIS INCLUDING INSTRUMENTATION
AND CONTRAST STUDIES

Q.P. Code: 202033

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

(2 x 15 = 30)

I. Elaborate on:

1. Describe the MR anatomy of the knee joint. Briefly state the MR sequences you would employ to delineate a suspected medial meniscus tear.
2. Imaging protocol of HRCT temporal bone. Discuss the causes of pulsatile tinnitus with imaging features.

II. Write notes on:

(10 x 7 = 70)

1. Differential diagnosis of Solitary pulmonary nodule.
2. Sonography of Portal Hypertension.
3. Radiological features of Giant Cell tumour of bone and its differential diagnosis.
4. Radiological evaluation of female infertility.
5. Chest radiograph in an immune compromised patient.
6. Types of fracture of maxilla and their imaging features.
7. Anatomic variants of the gall bladder, biliary tract and hepatic artery.
8. Dandy-Walker malformation.
9. Radiological findings and differential diagnosis of Gastrointestinal stromal tumour.
10. Defecogram.

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Sub. Code: 2034

M.D. DEGREE EXAMINATION

BRANCH VIII – RADIO DIAGNOSIS

**PAPER IV – RADIODIAGNOSIS INCLUDING INTERVENTIONAL
PROCEDURES AND RECENT ADVANCES**

Q.P. Code: 202034

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

(2 x 15 =
30)

I. Elaborate on:

1. Imaging evaluation of a 50 year old patient presented with 3 hours history of aphasia and right hemiparesis. Add a note on role of endovascular interventions in such patients.
2. Role of MRI and CT in Cardiac imaging.

II. Write notes on:

(10 x 7 = 70)

1. Precautions during radiological procedures in HIV positive patients.
2. Imaging in non-traumatic subarachnoid hemorrhage.
3. Vertebroplasty and its application.
4. Multisystem Diseases with pancreatic involvement.
5. Importance of Medicolegal issues in Diagnostic Radiology.
6. Trans arterial chemoembolisation (TACE) of liver.
7. Ultrasound in focal breast lesion.
8. PET-MRI.
9. Segmental anatomy of liver and its importance.
10. Image guided radiofrequency ablation.

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