

[LG 137]

APRIL 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**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the Embryology and development of the pancreas. Describe the imaging features of congenital anomalies of the pancreas.
2. Describe the normal anatomy of coronary arteries and discuss the role of isotope imaging in coronary artery diseases.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Skeletal scintigraphy.
2. Define pulmonary sequestration. Describe its types & discuss CT findings.
3. Thoracic diseases associated with HIV Infection.
4. HRCT features of Cryptogenic organizing pneumonia.
5. Diagnostic criteria and imaging features of Emphysematous pyelonephritis.
6. Isotope imaging in pediatric renal problems.
7. Radiological evaluation and intervention in acute cholecystitis.
8. Adrenal incidentaloma.
9. Pediatric renal tumors.
10. Principles of PET imaging.

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