

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MD 0522]**

**MAY 2022**

**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. Discuss the role of nuclear imaging to assess infections in detail.
2. Discuss in detail the preoperative reporting required by neurosurgeon for various brain tumors.

**II. Write notes on:**

**(10 x 7 = 70)**

1. DOTANOC PET CT.
2. Radionuclide imaging for dementia
3. Pediatric Nuclear imaging.
4. Biases in radiology reporting.
5. Imaging of penile trauma.
6. COVID-19 Pneumonia mimics in HRCT.
7. MRCP in congenital anomalies of pancreas.
8. Cavernous sinus anatomy and lesions.
9. Grading of stress injuries of bone in MRI.
10. Temporomandibular joint (TMJ) MRI.

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