

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**M.D. DEGREE EXAMINATION – December 2021**

**RADIO DIAGNOSIS**

**PART II: PAPER III: RADIOLOGY RECENT ADVANCES AND  
INTERVENTIONAL**

Time: Three hours

Total Marks : 100

**Answer ALL questions**

**SECTION - A**

**Write essay on :**

**(1 x 20= 20)**

1. Describe the basic physical principles, indications, contraindications and technique of radiofrequency ablation of liver tumours.

**Write short notes on :**

**(5 x 6 =30 )**

2. Zero lead aprons.
3. MR spectroscopy.
4. ELORA.
5. Digital radiography.
6. Endovascular management of varicose vein.

**SECTION - B**

**Write essay on :**

**(1 x 20= 20)**

7. Principles and techniques of ultrasound elastography along with its clinical applications.

**Write short notes on :**

**(5 x 6 = 30)**

8. CT urography.
9. BOLD Imaging.
10. DMSA Scintigraphy.
11. T1 – RADS.
12. Nephrogenic systemic fibrosis.

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