

SL.No: M22019

Course Code: 2670204/162615T01

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM  
(Deemed to be University)**

**M.SC.(ECHOCARDIOGRAPHY/INTEGRATED CARDIAC TECHNOLOGY)  
DEGREE EXAMINATION – December 2021  
Second Year**

**USE OF ULTRASOUND FOR NON CARDIAC DIAGNOSIS**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

**I. Write an Long essay on :**

**(3 x 20 = 60)**

1. Describe the ultrasound anatomy of kidney and ultrasound examination of possible renal mass.
2. Fetal ultrasound
3. Describe the ultrasound findings in acute Pancreatitis.

**II. Write short notes on :**

**(4 x 10 = 40)**

4. Ultrasound evaluation of fever of unknown origin (FUO).
5. Small for dates
6. Vaginal bleeding with negative pregnancy test
7. Ultrasound evaluation in pediatric mass.

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