

**VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

**M.SC (ECHOCARDIOGRAPHY) DEGREE EXAMINATION – February 2020
Second Year**

USE OF ULTRASOUND FOR NON – CARDIAC DIAGNOSIS

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write a Long essay on: (2 x 20 = 40)

1. Brief detail about epigastric pain and ultrasound findings with neat diagrams.
2. Detailly explained about soft tissue imaging of neck.

II. Write short notes on: (10 x 6 = 60)

3. Abnormal liver function test.
4. Right upper quadrant pain.
5. Vaginal bleeding with negative pregnancy test.
6. Infertility for ovulation induction.
7. Indications for venous doppler
8. Cyst - Explanation.
9. Tumors in pelvic region.
10. Chocolate cyst.
11. Bi lateral PCOS.
12. Anatomy of Breast.
