

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

**DIPLOMA IN RADIOLOGY AND IMAGING TECHNOLOGY
EXAMINATION – February 2020**

Second Year

CONTRAST AND SPECIAL RADIOGRAPHY PROCEDURES

Time: Three hours

Maximum: 75 marks

I. Write an essay on any **ONE** of the following: (1 x 20 = 20)

1. Explain in detail the patient preparation, procedure and filming techniques of double contrast Barium enema
2. Explain in detail the patient preparation, procedure and precautions of T-tube cholangiography.

II. Write short notes on any **TWO** of the following: (2 x 10 = 20)

3. Digital X-ray.
4. PTC
5. Fistulogram.
6. Hysterosalpingogram.

III. Write short answers on any **SEVEN** of the following: (7 x 5 = 35)

7. Tomography principle
8. Intravenous pyelogram
9. Sialogram
10. Sinogram.
11. Contrast medias.
12. Fistologram.
13. Pyelogram.
14. Administration of contrast materials.
15. Mammogram.
16. Functional MRI (FMRI)
