

M.D. DEGREE EXAMINATION

BRANCH VIII – RADIO DIAGNOSIS

**PAPER IV – RADIO DIAGNOSIS INCLUDING INTERVENTIONAL
PROCEDURES AND RECENT ADVANCES**

Q.P. Code: 202034

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Imaging evaluation of hepatic nodules and Interventional management of hepatocellular carcinoma.
2. Role of imaging in hemoptysis with a note on indications, technique and complications of bronchial artery embolization.

II. Write notes on:

(10 x 7 = 70)

1. Tissue harmonic imaging – principles and applications.
2. Ultrasound contrast agents.
3. MR imaging in prostatic carcinoma.
4. MR cholangiogram – technique and applications.
5. Hysterosalpingogram.
6. Whole body diffusion weighted imaging.
7. Chemical shift imaging.
8. CT colonography – technique and applications.
9. Computer aided detection in mammography.
10. Targeted imaging for foetal anomaly.
