

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. List the differential diagnosis in an adult male presenting with hematemesis. Mention the indications, technique and complications of Transjugular Intrahepatic Portosystemic Shunt (TIPS).
2. Discuss the causes of neonatal encephalopathy and role of MRI.

II. Write notes on:

(10 x 7 = 70)

1. Percutaneous nephrostomy; indications, technique.
2. Evaluation of thyroid nodules.
3. Nuchal fold thickness.
4. Cardiac MRI: indications, advantages over other modalities.
5. Radiofrequency ablation of non-liver lesions.
6. Role of intervention in post partum hemorrhage.
7. MRI flow voids in the spinal canal.
8. Focussed ultrasound therapy for Uterine fibroids.
9. Artificial intelligence in radiology.
10. Fast imaging techniques in MRI.
