

31 JUL 2020

MD (Branch IX) Radiodiagnosis

Paper1

Sub code: 9240

Time: 3 Hours

Total Marks: 100

Instructions:

- (1) Each question carries equal 20 marks.
- (2) Answer to the point; irrelevant writing decreases value of the answer.

- 1. Write short essay on Brain Magnetic Resonance Spectroscopy, principles, techniques and clinical applications. 20**
- 2. What is digital radiography? Discuss its advantages and disadvantages. 20**
- 3. Describe anatomy of mediastinal vasculature with diagram. Describe imaging of pulmonary embolism. 20**
- 4. Write about biological effects of X-rays and radiation protection methods for a radiologist during fluoroscopy? 20**
- 5. Write short notes on:**
 - a) PCPNDT Act 5**
 - b) MRI spectroscopy 5**
 - c) Ultrasound contrasts 5**
 - d) Intensifying Screen 5**