

**The West Bengal University of Health Sciences**  
**M.D. (Radio-Diagnosis) May - June, 2022 Examination**

Paper: III

Full Marks: 100

Time: 3 Hours

*Attempt all questions*

1. Discuss in brief the imaging modalities in the diagnosis of Adrenal lesion. 10
2. Discuss the imaging protocol for focal liver lesions. What are differentiating features hepatic hemangioma, focal hepatocellular carcinoma and solitary metastatic lesion? 3+7
3. Classify the cystic pelvic lesions in a middle aged female patient. Discuss the imaging features of common cystic lesions. 4+6
4. What are the common causes of a young adult presenting with acute unilateral scrotal pain and swelling? Discuss the Ultrasound / Doppler evaluation of such cases. 5+5
5. Write short notes on : 5+5
  - a) Emphysematous pyelonephritis.
  - b) Horseshoe kidney.
6. Discuss the role of various imaging modalities in evaluation of intestinal tuberculosis. 10
7. Discuss the role of various imaging modalities in detection of congenital anomalies of the foetus with their advantages and disadvantages. 10
8. Discuss the role of Sono-Elastography and MR Elastography in evaluation of diffuse liver disease. Discuss the role of Sono-Elastography in evaluation of Breast lesion. 6+4
9. Discuss the current status of conventional techniques and advances in G.I. 5+5
10. Write short notes on : 5+5
  - a) CT Urography and MR Urography.
  - b) CT Enteroclysis and MR Enteroclysis.