

The West Bengal University of Health Sciences
M.D. (Radio-Diagnosis) July - August, 2021 Examination

Paper: IV

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Discuss aetiology, Radiological imaging features of sub arachnoid haemorrhage (SAH) and role of intervention radiology in its management. 2+4+4
2. Describe the imaging features of juvenile nasopharyngeal angio fibroma. Discuss the role of radiological intervention in its management. 6+4
3. Discuss the principle of MR perfusion. Elaborate the role of MR perfusion in Neuro imaging. 4+6
4. Discuss the principle of PET-CT Scan and its clinical applications in imaging. 4+6
5. Discuss Multiparametric MR imaging of the prostate . 10
6. High intensity focussed ultrasound (HIFU); principle, instrumentation and its applications. 3+3+4
7. Discuss the role of MR in breast diseases. 10
8. Pre cath work up and the procedure in DSA intra cerebral arteries. Write down the names of intra cerebral arteries with a schematic diagram. 5+5
9. Role of interventional radiology in hepatic malignancy. 10
10. Write Short notes on: 5+5
 - a) Seldinger technique
 - b) Epilepsy protocol