

DNB RADIODIAGNOSIS – JUNE 2020 – PAPER IV

1.a Rotating anode xray tube-what are the advantages b. Beam restricting devices and uses (5 + 5)

2.a. Dual energy CT applications . B. Ultrasound artefacts (5 + 5)

3.a.What are the methods of randomization in clinical trials?

b.Predatory journal and publishing (5 + 5)

4. Ionic contrast agents classification . Describe various adverse reactions . And diagnosis and management of anaphylaxis. (10 marks)

5. What is phase contrast imaging? Describe the technique, applications, advantages and limitation (2 + 2 + 2 + 2 + 2).

6. Embolising agents types. Advantages and disadvantages?

7. Principles of CR and DR. Advantages and disadvantages (3 + 3 + 2 + 2)?

8. A. Artificial intelligence in Radiology b . PET MR (5 + 5)

9. A Pcpndt act and its applications

B . TLD badge. (5 + 5)

10.Plagiarism. What are different types? Describe. How you identify plagiarism? (10 m)