

The West Bengal University of Health Sciences
M.D. (Radiotherapy) March-April, 2020 Examination

Paper: II

Full Marks: 100

Time : 3 Hours

Answer all questions

1. Describe the mechanism of TLD. 10
2. Discuss the rational of chemoradiotherapy. 10
3. Describe telecobalt machine with a schematic diagram. 10
4. Discuss ALARA. 10
5. Write short notes on: 5+5
 - a. Isodose curve.
 - b. PDD.
6. Write short notes on: 5+5
 - a. Radioprotectors.
 - b. Anaemia in malignancy.
7. Describe comparatively HDR, LDR & ODR brachytherapy. 10
8. Discuss hyperthermia in malignancy. 10
9. Discuss about helical teleradiotherapy. 10
10. Describe briefly about biodosimetry. 10