

DIPLOMA IN MEDICAL RADIO THERAPY (DMRT) EXAMINATION
CLINICAL PRACTICE AND TECHNIQUES OF RADIO THERAPY AND
CANCER CHEMOTHERAPY

Q.P. Code: 343027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail lymphatic drainage of breast and latest clinical staging of breast cancer.
2. Explain the role of chemo radiation in organ preservation. Describe the various indications and explain how it is useful in each indication.

II. Write notes on:

(10 x 7 = 70)

1. Radiotherapy for carcinoma thyroid.
2. Role of radiotherapy in Wilm's tumour along with technique and prescription.
3. Radical radiotherapy for T1 vocal cord.
4. Accelerated Partial Breast Radiation (APBI).
5. Preoperative chemo radiation in rectal cancer.
6. Prophylactic cranial irradiation.
7. Tumour lysis syndrome – clinical features, lab findings and management.
8. What are targeted therapies? Give one example of its role along with radiation and explain its rationale.
9. Role of brachytherapy in soft tissue sarcoma.
10. What is ALARA? Discuss radiation protection based in ALARA principle.
