

B.Sc. RADIOTHERAPY TECHNOLOGY
THIRD YEAR – (Regulations from 2014-2015 and 2018-2019)
PAPER II – PATIENT CARE RELEVANT TO RADIOTHERAPY
Q.P. Code: 801937

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Patient care during External Beam Radiotherapy and Brachtherapy in a carcinoma cervix patient.
2. A 50 yrs old male with Diabetes Mellitus and Hypertension as comorbids diagnosed as a case of carcinoma anorectum planned for neoadjuvant chemoradiotherapy. Describe patient care during course of treatment.
3. Describe patient care in a 6 yrs old male child diagnosed as a case of Medulloblastoma under craniospinal irradiation.

II. Write notes on:

(8 x 5 = 40)

1. Instruments in a Trolley for pelvic examination and its relevance.
2. Colonoscopy its preparation and indications.
3. Neutropenia grading and management.
4. Breast cancer screening.
5. How will you manage bleeding per rectum during radiotherapy in a case of carcinoma cervix.
6. Preradiotherapy dental care in carcinoma Head and Neck patients.
7. What is palliative care? Morphine dosage, indication, adverse effects.
8. How will you manage a patient with sudden onset breathlessness during radiotherapy.

III. Short answers on:

(10 x 3 = 30)

1. What is Micturition incontinence and how you manage it.
2. Kindly provide normal serum (i) Sodium (ii) Potassium (iii) Calcium level.
3. What is Cystoscopy and mention any two indications.
4. Ondansetron.
5. Patient care during radiotherapy in carcinoma lung with Superiorvenecaval obstruction.
6. Weight loss during Radiotherapy and Management.
7. Mention any 5 Chemotherapy drugs.
8. Preparation of a patient for biopsy.
9. How will you setup a trolley for ENT examination.
10. Diabetic diet.
