

B.Sc. RADIOTHERAPY TECHNOLOGY
(New Syllabus 2014-2015)

THIRD YEAR

PAPER II – PATIENT CARE RELEVANT TO RADIOTHERAPY

Q.P. Code: 801937

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. A patient with carcinoma nasopharynx is getting radiotherapy on a telecobalt machine. The cobalt source gets stuck and is not getting retracted inside the safety vault. What are the next sequences of steps that you would take?
2. How would you minimize unnecessary radiotherapy to patients?
3. How will you do appointment organization in Radiotherapy treatment area and management of patient waiting area?

II. Write notes on:

(8 x 5 = 40)

1. Urinary Catheter.
2. Hemoglobin levels and radiotherapy.
3. Cardiopulmonary resuscitation.
4. Care of a patient on Paraplegia.
5. A patient vomits on the treatment couch. How will you respond further?
6. Steps involved in preparing a patient for brachytherapy.
7. Breast cancer screening.
8. Diabetic diet.

III. Short answers on:

(10 x 3 = 30)

1. Cisplatin.
2. Skin care for patients receiving RT to the Pelvic region.
3. Thermo luminescent Dosimeter.
4. Care of patient who develops seizures while waiting for radiotherapy delivery.
5. Management of angry patient in treatment area.
6. Precautions to prevent patient fall from treatment couch.
7. Precautions to be taken while treating near eyes or eye lids.
8. How will you manage a patient who develops sudden onset breathlessness?
9. Pain management.
10. Steps to prevent alopecia during radiotherapy.