

[LG 0215]

FEBRUARY 2015

Sub.Code : 1914

**B.Sc. RADIOTHERAPY TECHNOLOGY
SECOND YEAR**

PAPER IV – PATIENT CARE RELEVANT TO RADIOTHERAPY

Q.P. Code: 801914

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. The effect of radiation on lids and eye.
2. Elaborate on the care of children with malignant diseases who require RT.
3. Detail on the auxiliary services required for the care of a patient on radiotherapy.

II. Write notes on:

(8 x 5 = 40)

1. How will you prepare a patient with carcinoma prostate for radiotherapy?
2. Mention in detail the late complications that will develop in a patient receiving pelvic RT.
3. Radiation dermatitis – grading and management.
4. The care of a patient with paraplegia on RT.
5. How will you prepare a patient for post mastectomy radiotherapy? What are your advises on skin care?
6. What are the special precautions to be taken for the radiotherapy of children and babies?
7. How will you manage a patient with acute radiation cystitis?
8. What are the complications of radiotherapy in patients with abdominal tumours?

III. Short answers on:

(10 x 3 = 30)

1. Mention six side effects of chemotherapy.
2. What can be the symptoms of a patient with high grade glioma on leftparietal region.
3. How will you set up the treatment room for a patient with breathing difficulty on RT?
4. If the patient develops seizures while on RT, how will you manage?
5. Temozolomide.
6. Communicable diseases.
7. Biopsy.
8. Cardiopulmonary resuscitation.
9. Monitoring of radiation.
10. Interstitial brachytherapy.
