

[LH 0815]

AUGUST 2015

Sub.Code :1912

**B.Sc. RADIOTHERAPY TECHNOLOGY
SECOND YEAR
PAPER II – PRINCIPLES OF RADIOTHERAPY**

Q.P. Code: 801912

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Early and late reaction on skin due to radiation.
2. Write in detail about Carcinoma Oesophagus – Its diagnosis, staging and treatment procedures.
3. Tumor Staging workup and TNM.

II. Write Notes on:

(8 x 5 = 40)

1. What is radiation proctitis? How it can be prevented?
2. Compare benign and malignant tumours.
3. Name the cancers which are treated without TNM classification.
4. Write a detailed note on thyroid cancer.
5. What are occupational cancers? Explain any two examples.
6. Radiotherapy induced mediastinal fibrosis.
7. Write a note on Lehermitte's syndrome.
8. What are tumours of the oral cavity?

III. Short Answers on:

(10 x 3 = 30)

1. What is meant by quality of life in cancer care?
2. What is biopsy?
3. Name a few tumours that are common in children.
4. What is a cancer vaccine? Give an example.
5. List a few tobacco-induced cancers.
6. Effects of Radiation on GI tract.
7. What is mediastinal syndrome?
8. What are the parts of the body that cannot be affected by cancer?
9. Mention the types of skin cancer.
10. What are the possible sites of spread of breast cancer?
