

[LG 0215]

FEBRUARY 2015

Sub.Code :1904

B.Sc. RADIOTHERAPY TECHNOLOGY

FIRST YEAR

PAPER IV – GENERAL PRINCIPLES OF HOSPITAL PRACTICES

Q.P. Code: 801904

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail what you will do if a patient undergoing radiotherapy develops convulsions on the treatment couch.
2. If a patient with an infected malignant ulcer on the face has to be treated with radiotherapy, what steps will you take to protect yourself and to prevent spread of infection?
3. Describe the resuscitation trolley in the Radiotherapy Simulator, where contrast agents are injected. How will ensure it is functioning & describe the checks you will be required to do for the same?

II. Write notes on:

(8 x 5 = 40)

1. Steps for handling a patient with a reaction to antibiotic dose.
2. Write in brief about reporting wrong radiotherapy treatment in a patient.
3. Describe in brief the responsibility of a radiographer towards a patient.
4. Procedure of fixing a face mask and starting Oxygen from an Oxygen tank for a lung cancer patient who has developed mild breathing difficulty.
5. Describe hand hygiene before & after positioning a patient on the treatment couch.
6. Care of a child being given radiotherapy under anaesthesia.
7. What is negligence? What is the responsibility for negligence?
8. What steps will you take if you see a patient undergoing radiotherapy has a radiation induced oral mucosal reaction with mild bleeding?

III. Short answers on:

(10 x 3 = 30)

1. Steps in transferring a patient from the wheel chair to the couch and back.
2. Shifting of patient with a brachytherapy implant from stretcher to treatment couch.
3. Preparation of a patient for Intravenous Pyelogram (IVP).
4. Rescheduling of appointments in the event of a treatment machine breakdown.
5. Care of patient undergoing radiation with a nasogastric tube.
6. Write a short note on inventory of immobilization devices.
7. How do you maintain interpersonal relationship and Professional conduct in the work place?
8. Colostomy care during radiotherapy.
9. Importance of maintaining statistics in the Radiotherapy treatment machine and the Department.
10. Care of patient with tracheostomy on radiation.
