

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2403**

**(OCTOBER 2020 EXAM SESSION)**

**M.Sc. RADIOTHERAPY TECHNOLOGY**

**FIRST YEAR (From 2019-2020 onwards)**

**PAPER III – PATIENT CARE AND EVALUATION INCLUDING BLS**

***Q.P. Code : 282403***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. How does the SARS-CoV-2 infection affect cancer patients? Describe steps taken to prevent the spread of the infection among staff in the Department & the treatment machines.
2. List the commonest causes of seizures in cancer patients. How do you manage a patient undergoing seizures during treatment in the radiotherapy machine?

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Vulnerable patient
2. Basic life support
3. Transferring a patient with spinal cord compression
4. First aid steps for a patient with acute vaginal bleeding
5. Preparing a patient for Intravenous contrast injection study
6. How do you handle a patient reporting with diarrhoea before radiotherapy treatment?
7. Steps for urinary catheterization
8. What is a Laryngoscope & how is it assembled and used?
9. How do you handle a patient or relative who becomes violent?
10. Advise for a patient with psychological difficulty in having a thermoplastic mask placed on the face for treatment.

\*\*\*\*\*