

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Radiotherapy Technology) (Sem.-4)

**ONCOLOGY SCIENCE II**

Subject Code : BSRT-401-19

M.Code : 79715

Date of Examination : 05-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Write briefly :**

- a) Define clinical oncology.
- b) Enlist the types of Cancer.
- c) Define intracavity brachytherapy.
- d) What is metastatic adenocarcinoma?
- e) What is excisional biopsy?
- f) Enlist the diagnostic test for breast cancer.
- g) What is Apoptosis?
- h) Define EGFR.
- i) Define Benign tumour.
- j) What is ECOG performance status scale?

## SECTION-B

2. What is Biopsy and explain the different types of biopsies.
3. Write a note on staging and grading of cancer.
4. Explain the clinical examination and laboratory tests involved in the diagnosis of chronic lymphocytic leukaemia.
5. Write a note on adjuvant treatment for cancer.
6. What is metastasis? How and why the metastatic stage is determined?

## SECTION-C

7. What are the various types of laboratory tests used for diagnosis of different non-malignant tumours?
8. Write a detailed note on diagnosis and treatment of lung cancer.
9. What are the various types of imaging methods are there for the diagnosis of various cancers.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**