

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc (Radiotherapy Technology)

(Sem.-3)

ONCOLOGY SCIENCE-I

Subject Code : BSRT-301-19

M.Code : 78480

Date of Examination : 12-12-2022

Time : 2 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.
 - a. Define Leukaemia.
 - b. What TNM Staging system.
 - c. Define Oncogenes.
 - d. Difference between Sarcoma and Carcinoma.
 - e. Enlist at least 4 types of cancers induced by alcohol abuse.
 - f. What are the warning signs of ovarian cancer?
 - g. Difference between Germline and Somatic mutation.
 - h. Name a drug which is prescribed for nausea induced by chemotherapy.
 - i. Enlist 3 most prevalent cancers in Indian Women.
 - j. Write the types of carcinogens.

SECTION-B

2. Write a note on Human Genome Project.
3. Discuss about activation of Proto-oncogenes.
4. Write about 8 step Oral Cancer Screening.
5. Write a short note on metastasis.
6. Differentiate between Benign tumour and Malignant Tumour.

SECTION-C

7. Explain in detail, the process of Carcinogenesis.
8. Write a detailed note on Gene Therapy for cancer treatment.
9. Discuss the etiological and epidemiological factors responsible for cancer.

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.