

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (Radiotherapy Technology) (Sem.-3)

ONCOLOGY SCIENCE-I

Subject Code : BSRT-301-19

M.Code : 78480

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

Write briefly :

- 1) What are carcinogens? Give examples.
- 2) Write down the signs and symptoms of tumors.
- 3) Differentiate between malignant and benign tumors.
- 4) What do you mean by high risk groups?
- 5) a) Write any two local effects of tumor.
b) Define chemotherapy. Write down its significance.
- 6) Name any two genes responsible for tumors.
- 7) Define the term oncology.
- 8) Enlist various stages of tumor.
- 9) What are the symptoms of a malignant tumor?
- 10) How can a tumor be detected?

SECTION-B

- 11) Explain in detail about the co-morbidities associated with tumors.
- 12) Write down the process of carcinogenesis.
- 13) Explain the role of oncogenes in cancer.
- 14) Write down the methods of early detection and prevention of tumors.
- 15) Write a note on stages of tumor in detail.

SECTION-C

- 16) Discuss in detail about the pathology of tumours and its spread.
- 17) Write a note on public awareness on early sign and symptoms of malignancies.
- 18) Explain the etiology and epidemiology of tumor.

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.