

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

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

EFFECTS OF RADIATION TO ENVIRONMENT AND ITS SAFETY

Subject Code : BSRT-307-19

M.Code : 78486

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO mark 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 the sources of radioactive waste?
- 2) What are the main sources of radiation?
- 3) What are the effects of Radiation on environment?
- 4) What are the sources of radiation pollution?
- 5) What are 3 sources of cosmic radiation?
- 6) What is the biggest source of radiation?
- 7) What is natural radiation called?
- 8) What type of radiation is dangerous?
- 9) How can we protect from radiation?
- 10) How can we manage radioactive waste?

SECTION-B

- 11) Write a note on history of Radiation accidents.
- 12) What are different types of radioactive waste?
- 13) Write a note on protective measures of Ionizing radiation and its health effects.
- 14) Describe natural sources of radiation.
- 15) What are the different artificial sources of radiation?

SECTION-C

- 16) What are the different sources of environmental radiation?
- 17) Write a note on the background of radiations.
- 18) What are the causes of nuclear disaster?

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.