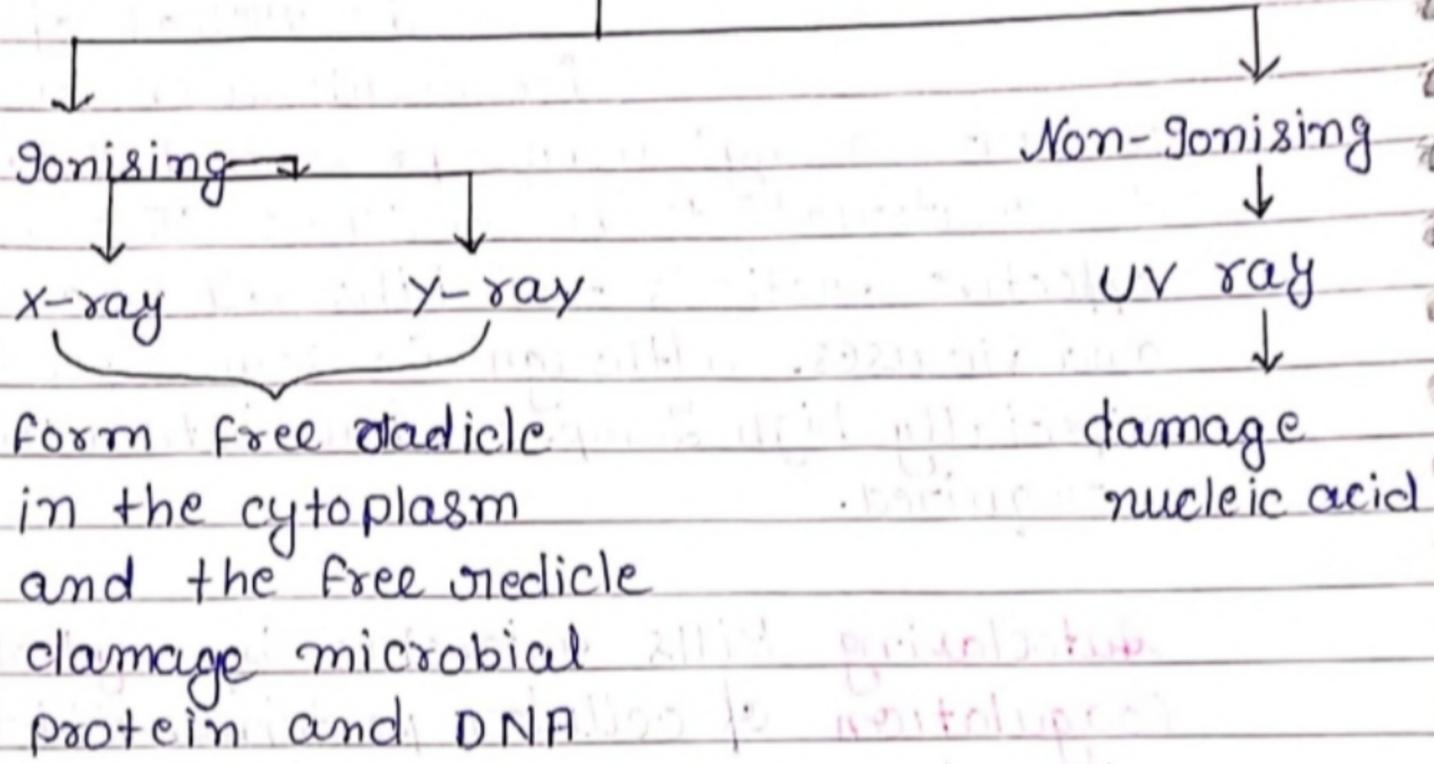


**(C) RADIATION**



UV, X-rays and gamma rays are all type of electromagnetic radiation that have profoundly damaging effect on DNA, so make excellent tools for sterilization.

**(D) Chemical agent-**

- \* A large number of chemicals such as alcohol, aldehyde heavy metals, halogens and dyes are commonly used as anti-microbial agents.
- \* Alcohol like ethyl alcohol and iso-propyl alcohol cause denaturation of proteins and are used as an antiseptic.
- \* The heavy metals mercury and silver