

## SHORT TEST: QUANTITIES & UNITS-BIOLOGICAL EFFECTS

Name:

Underline or circle the right answer:

- 1- Kerma is defined for all / charged / uncharged particles and is the transferred/imparted energy per unit mass
- 2- Absorbed dose is defined for all / charged / uncharged particles and is the transferred/imparted energy per unit mass

Regarding the effects of ionizing radiation in a cell, explain what a direct effect is.

direct effect is when ~~to the~~ ~~beam~~ a particle of the beam ionizes an atom of the DNA molecule, which is found in the nucleus of the cell.

Effects on human health can be classified as (Fill the gaps):

