

- 29** In order to detect a leak in a water-pipe buried 0.4 m below a soccer field, which of the following radioactive isotope should be added to the water?

| | emitter | half-life |
|----------|----------|---------------|
| A | β | a few hours |
| B | α | a few hours |
| C | β | several years |
| D | α | several years |